TAPR FCCREG Mailing List Archive (1999-2002)

TAPR FCCREG Mailing List — 1999-01 through 2002-01

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TAPR FCCREG Mailing List Archive (1999-2002)
TAPR FCCREG Mailing List

This combined reading copy contains 67 messages from 23 preserved monthly TAPR archive files, covering 1999-01 through 2002-01.
The original monthly files are packaged separately in the accompanying ZIP archive. The source URL for each file appears below and at every monthly boundary.

==========
MONTHLY ARCHIVE: fccreg.9901
MONTH: 1999-01
SOURCE: http://ftp.tapr.org/tapr_history/SIG_Archives/fccreg/fccreg.9901
==========

From bounce-message-6756@lists.tapr.org Mon Jan 25 02:13:33 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id CAA02864
for <lyris.fccreg@tapr.org>; Mon, 25 Jan 1999 02:13:33 -0600 (CST)
Message-Id: <LYR6756-485-1999.01.25-02.13.39--lyris.fccreg#tapr.org@lists.tapr.org>
X-Lyris-Type: get-doc
From: Lyris <lyris@lists.tapr.org>
Reply-To: Lyris <lyris@lists.tapr.org>
To: lyris.fccreg@tapr.org
Subject: FCCREG Welcome Message
Date: Mon, 25 Jan 1999 02:13:39 -0600
Status: OR

****
* PLEASE SAVE THIS WELCOME MESSAGE! *
****

```
_____________________________________
________/ ____/ _/_____/ _/_____/
_/ _/ _/ _/ _/ _/ _/
_/ _/____/_/ _/_____/ _/_____/
_/ _/ _/ _/ _/ _/
_/ _/ _/ _/ _/ _/
_____________________________________
```

Welcome to the TAPR fccreg Mail List

The purpose of the fccreg list is to provide a forum for folks interested
in discussing FCC topics related to Amateur Radio Digital Communications.

The fccreg list has a few simple rules:

1) Stick to the subject (fccreg). That means no virus alerts, no
chocolate
chip cookie recipes, no surplus gear fire sales, no nothing that isn't
directly related to fccreg.

2) No abusive behavior demonstrated towards a list member will be
tolerated on the fccreg. Please take your flames elsewhere.

3) The lists reserve the right to unsubscribe any list member who
violates
these rules without warning. That means one strike and you're out of
here.

4) Regulations can be a volatile issue, but item three will happen when
a participants go outside the parameters of polite discussion.

To post messages to the fccreg list, send email to:

fccreg@lists.tapr.org

To unsubscribe from this mailing list, surf to:

http://www.tapr.org/cgi-bin/lyris.pl?enter=fccreg

or send email to:

lyris@lists.tapr.org

with the following line in the body of the message:

unsub fccreg

The host of this list is:

Tucson Amateur Packet Radio (TAPR)
tapr@tapr.org
http://www.tapr.org
8987-309 E Tanque Verde Rd. #337, Tucson, AZ 85749-9399,
phone 940-383-0000, fax 940-566-2544

Just so that you have all the commands neatly contained in one place,
here is just about everything you will need to know. Note that this list
is running on a Lyris server. Please be aware that the commands might be
different from those that you are used to using on other list servers.
(For more information on Lyris, see <http://www.lyris.com/>.)

1. First of all, almost everything that you might need to do on the
server is most easily and effectively performed via Lyris's Web
interface at <http://www.tapr.org/cgi-bin/lyris.pl>.

2. In case you do not have Web access, here are some key commands; in all
cases, the default server address is: <lyris@lists.tapr.org>. Other
addresses are shown where appropriate. Note that commands may be placed
in either the subject line or in the body of the message:

SUBSCRIBING:
subscribe fccreg your_name
join fccreg your_name
alternate address: join-fccreg@lists.tapr.org

UNSUBSCRIBING:
unsubscribe fccreg
leave fccreg
alternate address: leave-fccreg@lists.tapr.org

SETTING MEMBERSHIP TO DIGEST MODE:
set fccreg digest

SETTING MEMBERSHIP TO INDEX MODE:
set fccreg index

SETTING MEMBERSHIP TO DISCUSSION MODE:
set fccreg mail

TEMPORARILY SUSPENDING MAIL FROM THE LIST:
set fccreg nomail

RESUMING MAIL FROM THE LIST:
(command depends on your preferred mode)
set fccreg mail
set fccreg digest
set fccreg index

ACKNOWLEDGMENT:
set fccreg ack
(sends you a confirmation message when your posts are sent)
set fccreg noack
(no confirmation message when posts are distributed)

RECEIVING COPIES OF YOUR OWN POSTS:
set fccreg repro
(receive copies of your own posts)
set fccreg norepro
(do not receive copies of your own posts)

SETTING YOUR PASSWORD:
set fccreg pw=mypassword
(where "mypassword" is the password you wish to set)

DETERMINING YOUR MEMBERSHIP SETTINGS:
query fccreg

RETRIEVING THE CURRENT VERSION OF THIS DOCUMENT:
get fccreg hello

MORE INFORMATION ON LYRIS'S COMMANDS:
help

POSTING TO THE LIST:
You must be a subscriber to post messages. Sending
mail to this address will distribute it to all the members of the
mailing list: fccreg@lists.tapr.org

3. CHANGING YOUR SETTINGS/ADDRESS VIA THE WEB INTERFACE: To do this, go
to <http://www.tapr.org/cgi-bin/lyris.pl> and click the link in the
"Change Your Settings" section. You'll need to enter your e-mail
address and password (if you chose one) to continue.

(If you've forgotten your password, you can type in your e-mail address
in the field at the bottom of the page and click "Get password" to
request Lyris to e-mail your password to you.)

At the following page, you can read messages, post a message, adjust
your settings, or unsubscribe. From the settings page, you can change
your status (MAIL, DIGEST, INDEX, or NOMAIL), choose whether or not to
see your own messages, and choose whether or not you want to receive a
separate acknowledgement via e-mail when one of your messages is posted
to the list, You can also change your e-mail address if you need to.
When you change your settings, make sure you click the "Save" button at
the bottom of the page.

4. ARCHIVES: The fccreg SIG archives are available on the Web, at the
following URL: <http://www.tapr.org/sigf.html>

5. BOUNCED MAIL: One of the key features of Lyris is its ability to handle
mail bounces transparently to the list owner; as such, bounced mail
will be handled primarily by the Lyris list server.

6. POSTS/REPLIES FROM DIGEST USERS: You *must* change the Subject: line
when replying to a digest; all posts with "fccreg DIGEST" in the
Subject: line will be rejected by the server (you will receive a
"rejection letter" when this happens).

From bounce-fccreg-6756@lists.tapr.org Sun Jan 31 02:32:40 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id CAA13461
for <lyris.fccreg@tapr.org>; Sun, 31 Jan 1999 02:32:40 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com (Unverified)
Message-Id: <LYR6756-2551-1999.01.31-02.32.54--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Sat, 30 Jan 1999 13:48:50 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] LEAGUE SEEKS ULS CHANGES
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04103d03b2d92e9a524e@[192.168.1.7]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

LEAGUE SEEKS ULS CHANGES

The ARRL has asked the FCC to make some minor alterations to its impending
Universal Licensing System rules. The ULS, being phased in by the FCC
throughout 1999, will consolidate application forms and procedures for
several FCC services. Among other things, it will replace the venerable FCC
Form 610 series with a new Form 605 and will provide for electronic filing,

modification, and renewal for amateurs.

The ULS Report and Order was issued last October by the FCC, which also took the occasion to amend the rules to make it easier for foreign hams to operate temporarily in the US.

In a petition for partial reconsideration, the League said it wants the FCC to continue to issue paper license documents; to come up with a way for applicants not having a Taxpayer Identification Number--typically a Social Security Number--to meet ULS requirements to provide one; and to include on Form 605 a section for Volunteer Examiners to certify that an applicant has met the requirements for a new or upgraded ham ticket. In addition, the League plans to ask the FCC to restore wording in Section 97.15(e) that references the limited federal preemption, PRB-1. The section was inadvertently deleted during the Commission's redrafting of the rules to accommodate the ULS changes.

The ARRL already has expressed concerns over FCC suggestions that the agency might do away with paper license documents altogether and rely instead on the "license grant"--the virtual document that resides within the FCC's computerized amateur database. In its latest filing, January 12, the League said that in some states that regulate possession of scanning receivers but exempt amateurs, inability to produce a license document could result in "arrest and criminal prosecution as well as seizure of equipment by local law enforcement." The League said hams operating overseas also often must produce a paper document. The ARRL noted that the CEPT agreement requires US hams traveling in CEPT countries to possess a US government-issued license document and that ITU regulations "appear to require" a government-issued license document.

The League also called on the FCC to devise a means for those not holding a TIN--such as foreigners who hold US ham tickets--to comply with the ULS rules which require an applicant to provide one. "One possibility for these persons would be for the Commission to issue them some substitute TIN or some other type of registration number," the League proposed.

Finally, the ARRL pointed out to the FCC that neither the main Form 605 nor the Amateur Radio Schedule D contains a section for VE certifications and called on the Commission to modify the form to include the section as it now appears on Form 610.

Source: The ARRL Letter
Vol. 18, No. 5
January 29, 1999

You are currently subscribed to fccreg as: lyris.fccreg@tapr.org
To unsubscribe send a blank email to leave-fccreg-6756O@lists.tapr.org

From bounce-fccreg-6756@lists.tapr.org Sun Jan 31 04:16:10 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id EAA24672
for <lyris.fccreg@tapr.org>; Sun, 31 Jan 1999 04:16:08 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-2558-1999.01.31-04.16.17--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Sun, 31 Jan 1999 02:14:14 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] New WTB Chief Orders Shake-up
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04103d0eb2d9dd6db9a2@[207.124.66.184]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

>From the February 1, 1999 issue of Wireless Week

New WTB Chief Orders Shake-up

By Edward Warner

WASHINGTON--New Wireless Telecommunications Bureau Chief Tom Sugrue brought in talent from other FCC bureaus and replaced long-time WTB Deputy Chief Rosalind Allen.

Allen moved to the FCC's Office of Planning and Policy, where as director of legal analysis--a newly created job?she'll advise the commission on mer-gers such as the Vodafone Group plc and AirTouch Communications Inc. marriage.

Allen's replacement as the WTB's second-in-command is James Schlichting, formerly deputy chief of the Common Carrier Bureau. The CCB regulates local exchange carriers, sitting in judgment on interconnection complaints. "It's a lot of fun to work with [Sugrue] again," Schlichting said. The two worked together in the 1980s when Sugrue was a CCB official.

During his 13-year FCC tenure, Schlichting was legal adviser--an appointed position--to Republican FCC Chairman Dennis Patrick, a noted deregulator.

Also new is Associate WTB Bureau Chief Dianne Cornell, formerly chief of the International Bureau's Telecommunications Division. A four-year FCC veteran, she replaces Jeanine Poltronieri, who became the bureau's senior legal counsel.

Brian Fontes, a senior vice president at the Cellular Telecommunications Industry Association, said, "Tom [Sugrue] has demonstrated his expert knowledge and sound leadership in telecommunications. Jim and Diane have expert knowledge on a broad range of telecommunication policy issues and also have impressive management skills. I fully expect ... an easy transition."

More changes are ahead for the WTB as it begins its move to the FCC's new headquarters. The WTB's "front office," which includes many key executives, is scheduled to move Feb. 25, with the rest of the bureau moving in early March. The WTB auctions operation near Union Station will relocate May 6.

A WTB spokeswoman said the personnel changes "had nothing to do" with an FCC Office of Inspector General report into whether commission staff were lax in protecting the WTB from fraud. Since 1997, the OIG has investigated a $60,000 fraud perpetrated against the WTB's Auctions Division by a computer system supplier. The perpetrator was jailed and agreed to pay the loss. FCC Inspector General Walker Feaster said his investigation implicated three FCC officials, and FCC Chairman Bill Kennard decided how to handle two of the three, at least one of which worked for the WTB.

You are currently subscribed to fccreg as: lyris.fccreg@tapr.org
To unsubscribe send a blank email to leave-fccreg-6756O@lists.tapr.org

==
MONTHLY ARCHIVE: fccreg.9903
MONTH: 1999-03
SOURCE: http://ftp.tapr.org/tapr_history/SIG_Archives/fccreg/fccreg.9903
==

From bounce-fccreg-6756@lists.tapr.org Wed Mar 10 20:51:40 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id UAA10547
for <lyris.fccreg@tapr.org>; Wed, 10 Mar 1999 20:51:33 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-10123-1999.03.10-20.53.13--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Wed, 10 Mar 1999 18:41:10 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] LOCATION AND MONITORING SERVICE AUCTION CLOSES
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04104403b30cdd7c7d44@[192.168.1.8]>

Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

Report No. WT 99-6 WIRELESS TELECOMMUNICATIONS ACTION March 5, 1999

LOCATION AND MONITORING SERVICE AUCTION CLOSES

Today the Commission's Location and Monitoring Service (LMS) auction, which began on February 23, 1999, closed after 54 rounds, raising a total net revenue of $3,438,294.00. The auctioned spectrum is located in the 904.000 - 928.000 MHz Band.

"Today's results can only mean good things for American consumers. The Commission has added new competitors to this exciting marketplace," said FCC Chairman William E. Kennard. "These licensees have the opportunity to make our highways safer as well as improve productivity in transportation."

A total of 528 multilateration LMS licenses were simultaneously auctioned. One license for each of the three spectrum blocks in each designated Economic Area (EA) was auctioned: Block A has a total bandwidth of 6.00 MHz; Block B has a total bandwidth of 2.25 MHz; and, Block C has a bandwidth of 5.75 MHz. 289 licenses, representing 84.8 % of the population were sold in the auction.

"The LMS auction is another example of the way the Commission is opening up opportunities and helping the industry deliver new products," said Thomas Sugrue, Chief, Wireless Telecommunications Bureau. "These entrants should create a competitive environment with the development of diverse and alternative technologies providing consumers with a variety of locating services."

LMS refers to advanced radio technologies designed to support the nation's transportation infrastructure and facilitate growth of Intelligent Transportation Systems. LMS systems are designed to improve the efficiency and safety of the highways of the United States. LMS systems are permitted to transmit voice or non-voice status and instructional messages as long as such messages are related to location or monitoring functions.

License winners must make the downpaynment on their licenses ten business days after the release of the Wireless Telecommunications Bureau's Public Notice announcing the close of the auction. Winning bidders must also file their long form applications with the FCC within the same time period.
-FCC -

News Media Contact: Meribeth McCarrick at (202) 418-0654 Wireless Telecommunications Bureau contacts: Bob Reagle (Auctions) at (202) 418-0792 or
Linda Chang (Commercial Wireless) at (202) 418-7240

You are currently subscribed to fccreg as: lyris.fccreg@tapr.org
To unsubscribe send a blank email to leave-fccreg-6756O@lists.tapr.org

From bounce-fccreg-6756@lists.tapr.org Sun Mar 14 17:19:26 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.8.5/8.8.5) with SMTP id RAA18680
for <lyris.fccreg@tapr.org>; Sun, 14 Mar 1999 17:19:25 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-10688-1999.03.14-17.21.27--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Sun, 14 Mar 1999 15:09:56 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] LOW-FREQUENCY EXPERIMENTAL LICENSE ISSUED
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04104828b311f2210b7a@[192.168.1.8]>
Sender: bounce-fccreg-6756@lists.tapr.org

Precedence: bulk

LOW-FREQUENCY EXPERIMENTAL LICENSE ISSUED

Some US experimental activity is coming to LF! The FCC has granted a
one-year experimental license to the Amateur Radio Research and Development
Corporation to conduct tests on the frequency 136.75 kHz. Experiments would
be carried out from 12 Northern Virginia sites using the call sign WA2XTF.
These experiments are to gain low-frequency experience in anticipation that
the FCC may allocate a band at 136-kHz to Amateur Radio.

Last October, the ARRL petitioned the FCC to create two amateur LF
allocations at 135.7-137.8 kHz and 160-190 kHz. The League asked for a 200 W
PEP power limit (no more than 2W EIRP) and requested the new bands be made
available to those holding a General class or higher license for CW, SSB,
RTTY/data, and image emissions.

Several countries throughout the world already enjoy LF allocations around
136 kHz. These include New Zealand, Great Britain, the Republic of Ireland,
and several European nations.

Emissions authorized for these tests include 173-Hz and 450-Hz bandwidth
frequency-shift data and 100-Hz bandwidth CW. The authorized transmitted
power is 1 W ERP. The 12 stations will operate experimental transmitters,
antennas and receiving systems using digital signal processing techniques.

Participating in the experimental operation are Glenn Baumgartner, KA0ESA;
David Borden, K8MMO; Robert Bruhns, WA3WDR; Hal Feinstein, WB3KDU; Terry
Fox, WB4JFI; Andre Kesteloot, N4ICK; George Lemaster, WB5OYP; Shannon
Mishey, N8TBM; Paul Rinaldo, W4RI; David Rogers, K9RKH; Elton Sanders,
WB5MMB; and John Seely, AA4GM. Rinaldo is the ARRL's technical relations
manager.

While the list of stations is closed and new transmitting stations cannot be
added, others are invited to join the project by listening and reporting
results. Reception reports should be sent via e-mail to Andre Kesteloot,
N4ICK, n4ick@amrad.org.

Further information concerning these LF experiments will be available in the
AMRAD Newsletter mailed bimonthly to AMRAD members and available at
http://www.amrad.org.

Source: The ARRL Letter
Vol. 18, No. 11
March 12, 1999

You are currently subscribed to fccreg as: lyris.fccreg@tapr.org
To unsubscribe send a blank email to leave-fccreg-6756O@lists.tapr.org

From bounce-fccreg-6756@lists.tapr.org Tue Mar 23 15:20:18 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id PAA21803
for <lyris.fccreg@tapr.org>; Tue, 23 Mar 1999 15:20:17 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-12159-1999.03.23-15.22.41--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Tue, 23 Mar 1999 13:19:21 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC HANDLED OVER 1200 INTERFERENCE COMPLAINTS FROM FEDERAL, STATE, AND LOCAL PUBLIC SAFETY
AND EMERGENCY OFFICIALS
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04104803b31db5d20b49@[192.168.40.92]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FOR IMMEDIATE RELEASE
March 22, 1999 News Media Contact: David Fiske or
Rosemary Kimball at (202) 418-0500

Report No. CI 99-15 COMPLIANCE AND INFORMATION ACTION

FCC HANDLED OVER 1200 INTERFERENCE COMPLAINTS FROM FEDERAL, STATE, AND LOCAL PUBLIC SAFETY AND EMERGENCY OFFICIALS

The FCC said today that its Compliance and Information Bureau responded to over 1,200 calls during the past year from local, state, and federal public safety and emergency officials seeking assistance on radio frequency problems, many involved with life-threatening emergency situations.

The Compliance and Information Bureau provides around the clock assistance to public safety and emergency organizations that are experiencing communications problems. The bureau will alert and dispatch local FCC field office agents to locate and resolve the interference problems, giving priority to emergency situations involving potential harm to life and property.

Categories of calls to the FCC's Compliance and Information Bureau include the following:

State and Local Public Safety Emergency Services: Local law enforcement, fire and other public safety entities made 674 requests for assistance. In some instances, police communication channels were being jammed by unknown sources of interference that prevented dispatchers from communicating with officers. In some instances, police officials complained of intruders on police communication frequencies masquerading as official police dispatchers, causing law enforcement units to be directed to fictitious emergency locations.

U.S. Coast Guard: The U.S. Coast Guard sought assistance almost 400 times. In some instances the FCC used its direction finding network to help the Coast Guard locate lost or disoriented boaters who needed Coast Guard assistance. One particular "lost" vessel radioed that an individual on the vessel had a heart attack and needed immediate medical attention. Information from our direction finding capabilities allowed the Coast Guard to locate the vessel, and then transport the heart attack victim for immediate medical attention, thus saving his life. Many of the Coast Guard contacts concerned interference to ship distress frequencies severe enough to prevent real distress calls from vessels getting through. Sometimes individuals deliberately broadcast false distress calls that had resulted in costly and time-consuming Coast Guard air and sea searches for non-existent vessels. The Coast Guard asked the FCC to use its electronic direction-finding capabilities to locate individuals who had broadcast false distress calls

Federal Aviation Administration: The FAA requested assistance 75 times to address such matters as unknown sources of interference on air traffic control frequencies and locating and silencing unauthorized transmissions on frequencies used for aircraft radar identification systems. In a few cases, individuals were intentionally jamming communications between the tower and aircraft, thereby jeopardizing the safety of landing or departing aircraft.

Satellite Search and Rescue System Operators: The Department of Defense and the National Oceanic & Atmospheric Administration, operators of the U.S. satellite search and rescue system, asked for FCC assistance 60 times. Search and rescue satellites would receive unknown signals which could mask true distress signals coming from emergency radio beacons carried by most aircraft and many marine vessels. The satellite system rescue operators needed FCC help in detecting the sources of these unknown signals and deactivating them. In the majority of these cases the FCC found that emergency beacons had malfunctioned and were erroneously sending distress signals.

You are currently subscribed to fccreg as: lyris.fccreg@tapr.org
To unsubscribe send a blank email to leave-fccreg-6756O@lists.tapr.org

From bounce-fccreg-6756@lists.tapr.org Thu Mar 25 08:53:52 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id IAA02214
for <lyris.fccreg@tapr.org>; Thu, 25 Mar 1999 08:53:50 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-12454-1999.03.25-08.56.20--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Thu, 25 Mar 1999 06:52:53 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>

From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] COMMISSION ANNOUNCES APRIL 6 SPECTRUM MANAGEMENT EN BANC
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04104824b31ffe3f13c6@[192.168.40.92]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

Released: March 22, 1999

COMMISSION ANNOUNCES APRIL 6 SPECTRUM
MANAGEMENT EN BANC

The Commission will hold an en banc hearing on spectrum management on
April 6, 1999 from 9 am to 1 pm in the Commission Meeting Room, 445
12th Street S. W., Washington, DC. The en banc will consist of three
panels. Panel 1 will discuss spectrum management fundamentals. Panel
2 will discuss what is working well and what is not working with the
FCC's current spectrum management process. Panel 3 will discuss new
approaches to spectrum management. Panelists are currently being
invited and additional information will be provided in a subsequent
public notice. Audio coverage of the en banc will be available
through RealAudio from the FCC website at www.fcc.gov.

For further information, contact Jack Linthicum at 202-418-2441
voice, 202-418-1918 fax and e-mail jlinthic@fcc.gov.

-FCC-

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id JAA02574
for <lyris.fccreg@tapr.org>; Thu, 25 Mar 1999 09:03:29 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-12455-1999.03.25-09.05.56--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Thu, 25 Mar 1999 07:02:10 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC SLATES EN BANC HEARING ON SPECTRUM POLICY
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04104828b320006b96c0@[192.168.40.92]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC SLATES EN BANC HEARING ON SPECTRUM POLICY

An FCC en banc hearing on spectrum management set for April 6
likely will include controversial issues such as Pentagon
concerns about losing control over too much spectrum and industry
concerns over problems that have plagued the Commission's
spectrum auction system. With plans for the en banc hearing
still in the formative stage, FCC officials and sources close to
the process told TR today that it likely will produce some tart
criticism of the Commission's spectrum management policy.

The en banc hearing is being held at the behest of Commissioner
Susan Ness, according to several sources. Ms. Ness takes the
lead on international spectrum policy issues that come to the
Commission, and TR's sources believe she's likely to make sure
that U.S. plans for the next International Telecommunication
Union World Radio Communications Conference in 2000 will be

discussed during the en banc hearing.

In a brief notice issued March 22, the Commission said the
hearing would consist of panels discussing spectrum management
fundamentals; what is working well and what isn't working with
the FCC's current spectrum management process; and new approaches
to spectrum management. Government witnesses from the National
Telecommunications and Information Administration will represent
the Interdepartment Radio Advisory Committee, which represents
executive branch agencies that are spectrum users. The final
panel, on new spectrum management methods, likely will include
members from the academic community.

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by tapr.org (8.9.3/8.9.3/1.9) with SMTP id LAA07119
for <lyris.fccreg@tapr.org>; Thu, 25 Mar 1999 11:13:48 -0600 (CST)
Mime-Version: 1.0
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X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-12461-1999.03.25-11.16.19--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Thu, 25 Mar 1999 09:08:31 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC To Close Gettysburg Reference Room
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04104833b3201e099250@[192.168.40.92]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC To Close Gettysburg Reference Room

8:33:14 AM 3/25/99 The FCC has voted to close its Gettysburg, Pa.,
reference room, an important asset to those researching wireless
license data, once its universal licensing service is 100%
operational later this year. According to the commission, computers
have replaced people in Gettysburg as far as information retrieval is
concerned, and requests to access the actual paper applications have
decreased significantly. If desired, the paper applications can be
retrieved by the Gettysburg staff or by the FCC's duplication
services contractor. In addition, the use of electronic filing to
request new, modified and renewed authorizations for wireless
services continues to increase. Currently, more than half the
applications for wireless services are received by electronic means.

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id KAA15002
for <lyris.fccreg@tapr.org>; Mon, 29 Mar 1999 10:59:39 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-12996-1999.03.29-11.02.23--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Mon, 29 Mar 1999 08:54:33 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] VANITY CALL SIGN APPLICATION FEE TO RISE SLIGHTLY
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>

X-Message-Id: <v04104806b32560a2a53e@[192.168.1.8]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

VANITY CALL SIGN APPLICATION FEE TO RISE SLIGHTLY

The cost of applying for an amateur vanity call sign is expected to rise slightly this fall. In a just-released Notice of Proposed Rulemaking involving assessment and collection of regulatory fees for Fiscal Year 1999 (MD Docket 98-200), the FCC has proposed increasing the vanity fee to $1.42 per year or $14.20 for the 10-year term.

The current vanity fee is $13. That figure, originally proposed at $1.29 per year (or $12.90 for the 10-year term) was "rounded up" to $1.30 per year by the FCC when it was implemented last fall, so it's possible the FCC might adjust the final number up or down to an even dollar figure this time as well.

The FCC projects 6800 vanity applications in FY 1999 for a total revenue figure of more than $96,000.

The vanity call sign business has continued to be brisk over the past year and picked up slightly after the vanity call sign fee dropped from its high of $50 to $13 last September. The FCC reports it received a total of 12,152 vanity applications during 1998--slightly more than 1000 a month; however, not all applications have resulted in call sign grants. That trend continued in January and February. The FCC got more than 1400 applications in each of those two months.

The vast majority of applications last year were filed electronically. The FCC reports that fewer than 20% of last year's applications arrived on paper. The Commission's Gettysburg office currently takes approximately three weeks to process a vanity call sign application.

Comments are due on the FCC's FY 1999 fee proposals by April 19. Reply comments are due April 29. A full copy of the FCC NPRM is available at http://www.fcc.gov/Bureaus/Miscellaneous/Notices/1999/fcc99044.txt.

Source: The ARRL Letter
Vol. 18, No. 13
March 26, 1999

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for <lyris.fccreg@tapr.org>; Tue, 30 Mar 1999 08:35:04 -0600 (CST)
Mime-Version: 1.0
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X-Sender: dewayne@mail.warpspeed.com (Unverified)
Message-Id: <LYR6756-13148-1999.03.30-08.37.49--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Tue, 30 Mar 1999 06:33:58 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] Updated FCC Rules on the web - FYI
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04204c01b326913bc2a6@[192.168.1.8]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

Subject: Updated FCC Rules on the web
Date: Mon, 29 Mar 1999 11:00:15 EST

I have just updated the FCC rules on the web to correspond with
those recently released by the Government Printing Office. These rules
are in hypertext format and include links to other rules, the Federal
Register (though these links are put in by hand, so they are limited),
and FCC documents (again, added by hand). Links are provided to search

the Federal Register and the FCC web site for documents citing the rule
currently in view. You can also view previous versions of the rule, and
the rule in pdf format.
The format of the table of contents for each part has changed, so
it might be good to review the "How To Use" section.
Finally, I've added the FCC Broadcast Station Self-Inspection
Checklists with links to cited rules.
See the FCC Rules at <http://hallikainen.com/FccRules>.

Harold

Harold Hallikainen
harold@hallikainen.com
Hallikainen & Friends, Inc.
See the FCC Rules at http://hallikainen.com/FccRules and comments filed
in LPFM proceeding at http://hallikainen.com/lpfm

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==
MONTHLY ARCHIVE: fccreg.9904
MONTH: 1999-04
SOURCE: http://ftp.tapr.org/tapr_history/SIG_Archives/fccreg/fccreg.9904
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by tapr.org (8.9.3/8.9.3/1.9) with SMTP id WAA00537
for <lyris.fccreg@tapr.org>; Thu, 1 Apr 1999 22:15:42 -0600 (CST)
Mime-Version: 1.0
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Message-Id: <LYR6756-13567-1999.04.01-22.18.35--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Thu, 1 Apr 1999 20:12:19 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC SAYS RECIPROCAL PERMITS NOW "PAPERLESS"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04204c05b329f3e918ad@[192.168.1.8]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC SAYS RECIPROCAL PERMITS NOW "PAPERLESS"

The FCC is advising applicants for reciprocal operating permits that an
application is no longer required. Under new ULS rules that took effect
February 12, the FCC Form 610A has passed into history. The new rules also
will pave the way for US hams to more easily operate in most of Europe. The
FCC is expected to issue a Public Notice in the near future that will spell
out the details.

Alien visitors to the US holding an amateur license issued by their home
country may operate in the US without submitting any FCC paperwork--provided
that a reciprocal operating agreement is in effect between the two
countries. The only documentation required is proof of citizenship and an
Amateur Radio license issued by the country of citizenship. These
arrangements are similar to longstanding arrangements between the US and
Canada.

The new rules move the US a step closer to participation in the licensing
arrangements of CEPT, the European Conference of Postal and
Telecommunications Administrations. The US State Department applied for US
participation in 1997, and the request was approved in early 1998.
Completion of the final steps to make this a reality is understood to be
imminent. These include formal US notification to the European
Radiocommunications Office that it is prepared to carry out its
responsibilities under CEPT Recommendation T/R 61-01, and the issuance of a
Public Notice in English, French and German.

Under the CEPT arrangements, a US Technician licensee will be recognized as holding the equivalent of a CEPT Class 2 (VHF-only) license. Holders of Tech Plus through Extra tickets will have the full HF and VHF privileges of a CEPT Class 1 license. Novice licensees will not be eligible.

Additionally, the ARRL has informed the US State Department that it plans to go forward in April with arrangements to issue International Amateur Radio Permits to US hams in accordance with the CITEL Amateur Convention, signed by several countries in the Americas. The League has offered its services to issue IARPs to US hams. An IARP is not a license, but it certifies the existence of a license.

The new rules will not change the procedures for US hams wishing to operate overseas in countries that are not CEPT members or CITEL Amateur Convention signatories.

Source: The ARRL Letter
Vol. 18, No. 14
April 2, 1999

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by tapr.org (8.9.3/8.9.3/1.9) with SMTP id HAA01976
for <lyris.fccreg@tapr.org>; Fri, 2 Apr 1999 07:04:04 -0600 (CST)
Message-Id: <LYR6756-13600-1999.04.02-07.06.53--lyris.fccreg#tapr.org@lists.tapr.org>
X-Sender: lee@mail.parview.com
Date: Fri, 02 Apr 1999 08:07:51 -0500
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Lee Neighbors <lee@parview.com>
Subject: [fccreg] Re: Updated FCC Rules on the web - FYI
In-Reply-To: <LYR7877-13148-1999.03.30-08.37.49--hg#n2wx.ampr.org@lists.
tapr.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <3.0.5.32.19990402080751.007dd8e0@mail.parview.com>
Sender: bounce-fccreg-6756@lists.tapr.org
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HG, I would very much like to get this info. Thanks..LEE

At 06:33 AM 3/30/99 -0800, you wrote:
>Lee, the email below points to a neat site on the net (hypertext FCC
>rules project).
>
>I received this from a mailing list, the FCCREG mailing list
>@tapr.org. For the month I've been on it thus far it appears to be a
>fairly low volume, high quality list. If you're interested I can
>forward you the occassional item that appears worth reading, or if you
>think you might be into having it delivered directly to your email box
>just send an email to
>
>subscribe-fccreg@tapr.org
>
>and put the word
>'subscribe fccreg'
>
>in the body of the message.
>
>(the list is free).
>
>Best Regards,
>
>h
>
>-----
>
>

>Subject: Updated FCC Rules on the web
>Date: Mon, 29 Mar 1999 11:00:15 EST
>
> I have just updated the FCC rules on the web to correspond with
>those recently released by the Government Printing Office. These rules
>are in hypertext format and include links to other rules, the Federal
>Register (though these links are put in by hand, so they are limited),
>and FCC documents (again, added by hand). Links are provided to search
>the Federal Register and the FCC web site for documents citing the rule
>currently in view. You can also view previous versions of the rule, and
>the rule in pdf format.
> The format of the table of contents for each part has changed, so
>it might be good to review the "How To Use" section.
> Finally, I've added the FCC Broadcast Station Self-Inspection
>Checklists with links to cited rules.
> See the FCC Rules at <http://hallikainen.com/FccRules>.
>
>Harold
>
>
>
>Harold Hallikainen
>harold@hallikainen.com
>Hallikainen & Friends, Inc.
>See the FCC Rules at http://hallikainen.com/FccRules and comments filed
>in LPFM proceeding at http://hallikainen.com/lpfm
>
>---
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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id FAA26476
for <lyris.fccreg@tapr.org>; Sat, 3 Apr 1999 05:02:53 -0600 (CST)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-13736-1999.04.03-05.05.48--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Sat, 3 Apr 1999 03:01:58 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC ANNOUNCES FORMATION OF THE TECHNOLOGICAL ADVISORY COUNCIL
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04204c02b32ba4e2ec68@[192.168.1.8]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

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Released: April 2, 1999

FCC ANNOUNCES FORMATION OF THE TECHNOLOGICAL ADVISORY COUNCIL

The FCC today announced the formation of the Technological Advisory
Council. The Council, comprised of a diverse array of recognized
technical experts, will help provide the technical expertise the
Commission needs to stay abreast of innovations and new developments
in the communications industry.

In announcing the members of the Council, Chairman Kennard stated: "I am thrilled that so many extraordinarily talented and respected individuals have been willing to share their time and expertise with the Commission. The work of this Council will continue to increase in importance as the Commission strives, during a period of exceptionally rapid technological change, to fulfill its responsibilities to the public ."

Dr. Robert Lucky, Corporate Vice President, Telecordia (formerly Bellcore) will serve as Chair of the Council and Dr. Jules Bellisio, Chief Scientist, Telecordia, will serve as Executive Director. Dr. Stagg Newman, Chief Technologist for the Commission, will serve as the Designated Federal Officer.

Dale Hatfield, Chief of the Office of Engineering and Technology, who will serve as Alternate Designated Federal Officer for the Council, said "We are eager for the council to analyze the difficult technical issues facing the Commission in such areas as spectrum management, convergence, and the Internet. Sound technical advice is essential to our developing the best policies to serve the public."

The first meeting of the Council will be April 30, 1999, from 10:00 am to 3:00 pm in the Commission Meeting Room, 445 12th Street, S.W., Washington, D.C. The Council will discuss organizational matters, be briefed on key technical issues facing the Commission, and will work to define the issues that the Council will address. The public is invited to attend.

The Chair and members of the Council are as follows:

Chair

Dr. Bob Lucky - Vice President & Officer in Charge of Applied Research, Telecordia Technologies, formerly Bellcore (Bell Communications Research).

Members of the Technological Advisory Council

Mr. Bruce Allen - Vice President and General Manager, Harris Corporation,

Mr. Jose M. Alvarez Caban - Assistive Technology Specialist, Puerto Rico Assitive Technology Project, University of Puerto Rico.

Dr. Vincent Cerf - Senior Vice President, Internet Architecture and Technology, MCI Worldcom.

Ms. Susan Estrada - President and CEO, Aldea Communication.

Mr. Bran Ferren - Executive Vice President for Creative Technology and Research Development, Disney/ABC.

Dr. Richard Green - President and CEO, CableLabs,

Ms. Christine Hemrick - Vice President, Technology Communications, Office of the CTO, Cisco Systems, Inc.

Mr. Dewayne Hendricks - General Manager, Wireless Business Unit, Com21.

Mr. Ross Ireland - Vice President - Engineering, SBC.

Ms. Kalle Kontson - Division Technology Manager, Center for Electromagnetic Science and Vice President IIT Research Institute

Dr. Charles E. Jackson - Independent consultant.

Dr. William Lee - Chief Scientist, AirTouch/Vodaphone.

Dr. Paul Liao - Chief Technology Officer, Panasonic and President of Panasonic Technologies.

Dr. Wah Lim - Vice President for Technology and Development for Hughes Space and Communications Company.

Dr. Robert Martin - Chief Technology Officer of Bell Labs, Lucent.

Dr. David Nagel - President AT&T Labs and CTO for AT&T,

Mr, Glenn Reitmeier, Vice President, DTV and Web Media, Sarnoff Laboratories.

Mr. Dennis Roberson - Vice President & CTO, Motorola.

Dr. Marvin Sirbu - Profesor of Engineering and Public Policy,
Professor of Electrical & Computer Engineering, Professor - Graduate
School of Industrial Administration, and Chairman of the Information
Networking Institute, Carnegie Mellon University.

Dr. Greg Vanderheiden - Professor - Human factors Group, Dept. of
Industrial Engineering, University of Wisconsin, and Director of
Trace Research and Development Center.

Mr. Jack Waters - VP of Network Engineering, Level 3 Communications.

Dr. Pat White - Director, Telecommunications Practice, AD Little.
Robert Zitter - Senior Vice President, Technology Operations, Home Box Office.

Executive Director

Dr.Jules A.Bellisio, Chief Scientist/Executive Director, Telecordia
Technologies, formerly Bellcore (Bell Communications Research).

Designated Federal Officer

Dr. Stagg Newman, Chief Technologist, Federal Communications Commission.

Alernate Designated Federal Officer

Dale Hatfield, Chief, Office of Engineering and Technology, Federal
Communications Commission.

For further information, contact Jack Linthicum at 202-418-2441
voice, 202-418-1918 fax, jlinthic@fcc.gov.

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.9) with SMTP id SAA17961
for <lyris.fccreg@tapr.org>; Fri, 16 Apr 1999 18:40:54 -0500 (CDT)
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Date: Fri, 16 Apr 1999 16:38:59 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] RETESTING, SHORT-TERM RENEWALS ARE ENFORCEMENT TOOLS
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04204e28b33d7a4f9423@[192.168.73.20]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

RETESTING, SHORT-TERM RENEWALS ARE ENFORCEMENT TOOLS

The FCC's top amateur enforcer, Riley Hollingsworth, K4ZDH, says he plans to
make judicious use of both the short-term renewal and retesting to boost
amateur compliance.

Hollingsworth employed a short-term renewal as a sanction in a recent
amateur case where a newly licensed teenaged ham was found to be
transmitting music on a police frequency using a modified hand-held. On
April 14, Hollingsworth reinstated the ham's Technician license--which had
been suspended--but imposed a one-year renewal. Local police in New Jersey
had reported to the FCC that Mike Mustachio, now KC2EUT, had transmitted
music on a police frequency for about 12 minutes on March 16--just days
before his ham ticket was granted.

Hollingsworth said he spoke with the 14-year-old licensee and his parents
before making a judgment call in the case to go with a short-term renewal.
He expects the sanction might come in handy in other pending enforcement
cases as well, but he still expects to use it only "in rare cases where

there are mitigating circumstances and a good likelihood of compliance."

He said short-termed licensees may appeal, but then the case goes to a hearing, and the process can get much more formalized and complicated. "It just tells them we're watching them," he said.

Retesting is another administrative prerogative that Hollingsworth has been taking advantage of. The FCC has the authority to request that any amateur who obtained a license through the Volunteer Examiner program retest either at an FCC office or using another Volunteer Examiner Coordinator.

Earlier this year, Hollingsworth notified a Delaware ham that she had to retake her Extra class examination or lose her ticket. More recently, the FCC asked a Michigan ham to retake his General and Advanced class examinations. Hollingsworth said this week that other retesting requests will be going out soon in several cases where licensees either have not responded to a written Warning Notice or where something about the licensee's actions or responses might have raised questions about the individual's qualifications.

He also says that in situations where the FCC has received "substantiated or well-founded complaints," the FCC may decide to investigate either by asking questions about how the exam was administered or by retesting.

Hollingsworth says recent testing "recalls" should not give rise to speculation that the Commission intends to institute routine retesting calls. He said examination irregularities need at least some attention "just as reviews of operating violations," but he said the Commission won't be calling in hams on a wholesale basis to retake their tests.

"We're going to use this very carefully," Hollingsworth said. "We don't want to scare everybody into thinking that they could get a recall in the mail."

Source: The ARRL Letter
Vol. 18, No. 16
April 16, 1999

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Date: Fri, 16 Apr 1999 17:50:43 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC OFFICIAL ACKNOWLEDGES OOs REALLY ARE "OFFICIAL"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC OFFICIAL ACKNOWLEDGES OOs REALLY ARE "OFFICIAL"

The FCC's top amateur enforcer, Riley Hollingsworth, K4ZDH, says that hams who receive notices from ARRL Official Observers should take them seriously or take the consequences. "Failure to take the notices seriously and to take corrective action where possible will not be tolerated by the Commission," Hollingsworth said in an enforcement-related letter to a South Carolina amateur. "The volunteer work of these Official Observers is a critical element of the Commission's enforcement program," he said, adding that failure to act on an OO notice could lead to fines and other sanctions.

Hollingsworth's comments were contained in an April 7 station-inspection follow-up letter to Richard Whiten, WB2OTK, of Easely, South Carolina.

Hollingsworth and an FCC engineering team visited Whiten's station on January 22 after what Hollingsworth called "longstanding complaints" about the operation of Whiten's station. Whiten reportedly cooperated in the station inspection. According to the FCC letter, the Commission has received "numerous complaints" about Whiten "regarding profanity, obscenity, broadcasting extreme racial slurs, deliberate interference and failure to properly identify." Hollingsworth also said he'd heard complaints that Whiten had played recordings over the air "for the purpose of harassment or deliberate interference."

Hollingsworth noted that Whiten had "apparently ignored notices from Official Observers," and pointed out that the volunteer OOs work "in accordance with an agreement between the Commission and the ARRL and in accordance with our statutory authority."

"One thing I have really picked up as I travel around to groups is the frustration of the OOs," Hollingsworth told the League this week. "We're going to correct that, pure and simple."

In his letter, he told Whiten that, although the FCC considers hams to be self-policing, "the success of that regulatory approach depends upon the adherence to notices of possible improper operation from other licensed amateurs who are recognized Official Observers." The FCC asked Whiten to list all notices from OOs he has received since the start of his license term on September 27, 1994, and any corrective actions taken in response.

The FCC also set aside a February 10, 1999, grant of the vanity call sign W2OTK to Whiten and said his license expiration date remains October 15, 2001.

Hollingsworth also took advantage of the opportunity provided by his letter to Whiten to spell out the FCC's position on obscene and indecent Amateur Radio transmissions. "Obscene speech is not protected by the First Amendment and cannot be broadcast at any time," he advised. Indecent speech also is not protected between 6 AM and 10 PM, in accordance with the so-called "safe harbor" policy the FCC uses with commercial broadcasters.

Hollingsworth said that while FCC personnel did not notice any technical violations during their January inspection, they did have "serious concerns" about a linear amplifier under construction that was capable of greater than legal output. Hollingsworth asked Whiten to provide details of the amplifier and how it's been used.

Hollingsworth also told Whiten he would be forwarding, under separate cover, tape recordings made of Whiten's transmissions last November on 20 meters. "You will be requested to provide a full explanation for those radio transmissions," he wrote.

"No decisions have been made yet in this case," Hollingsworth told the League. "We're still seeking information."

Source: The ARRL Letter
Vol. 18, No. 15
April 9, 1999

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Date: Fri, 16 Apr 1999 17:52:34 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC ISSUES STRENGTHENED SCANNER RECEIVER RULES
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>

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Precedence: bulk

FCC ISSUES STRENGTHENED SCANNER RECEIVER RULES

The FCC has amended its rules to strengthen existing prohibitions on scanning receivers that can receive cellular telephone transmissions. While the new rules contain specific exemptions for the Amateur Service, they will have important ramifications for the manufacture of new Amateur Radio equipment that scans frequencies outside the ham bands.

The new rules--released March 31 in a Report and Order--broaden the definition of a scanning receiver to include receivers that automatically switch among two or more frequencies between 30 and 960 MHz that can stop at and receive a detected signal. Still exempted are receivers designed solely for operation as a part of a licensed station. In response to an ARRL request, the FCC clarified that the rules do not apply to Amateur Service receivers unless they cover frequencies outside the ham bands.

The FCC also widened its definition of "test equipment" exempted from the cellular reception restriction. The adopted definition defines test equipment by function, rather than by end user as proposed, thus permitting sale to the general public.

Receivers that allow reception of cellular frequencies because of their poor image response would be illegal under the new rules. As it proposed, the Commission adopted a 38 dB rejection standard for signals in the cellular bands "for any frequency to which the receiver can be tuned."

The FCC abandoned a proposal to require manufacturers to limit reception of cellular service frequencies by "direct pickup" through the cabinet. The FCC also backed away from a proposal that could have required epoxy potting and nonremovable components to prevent scanner modification. The League had argued that this could raise the cost of buying and repairing equipment and could preclude ham gear modification for CAP and MARS or for experimental purposes.

The FCC adopted a more generalized requirement that receivers be designed so that tuning, control circuits, and filtering be inaccessible, and that any attempted modifications render the receiver inoperative.

The new FCC rules also prohibit modification of scanning receivers as a business or on an ongoing basis "regardless of the date of manufacture or number of units modified." The Commission also said modification of any scanning receiver is prohibited and invalidates the equipment authorization. New, permanent labels on scanning receivers also will be required.

Kits for scanning receivers would be treated the same as assembled equipment. The League plans to look closely at this provision to make sure it will not prevent amateur manufacturers from producing legitimate transverting equipment.

The new rules become effective due 30 days after their publication in The Federal Register, but the FCC said it will include "transitional provisions" in its rules. A copy of the Report and Order is available on the ARRL Web site at <http://www2.arrl.org/announce/et98-RandO.html>

Source: The ARRL Letter
Vol. 18, No. 15
April 9, 1999

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Date: Thu, 29 Apr 1999 07:07:04 -0700

To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC ANNOUNCES IMPROVED PROCEDURES FOR COMPLAINTS ABOUT AMATEUR RADIO
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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X-Message-Id: <v04204e00b34e17cd83af@[204.179.136.220]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FOR IMMEDIATE RELEASE NEWS MEDIA CONTACT:
April 28, 1999
David Fiske (202) 418-0500

Report No. 99-16 COMPLIANCE AND INFORMATION ACTION

FCC ANNOUNCES IMPROVED PROCEDURES
FOR COMPLAINTS ABOUT AMATEUR RADIO

The FCC today announced that it has adopted new, improved procedures
for persons to use the internet to file amateur radio service
complaints with the FCC.

Effective immediately, amateur radio service complaints should be
sent by electronic mail to the following internet address:
fccham@fcc.gov

Alternatively, complaints can also be mailed to:

Compliance & Information Bureau
ATTN: Amateur Radio Complaints
1270 Fairfield Road
Gettysburg, Pennsylvania 17325

At the same time, the FCC said that effective immediately, it is
discontinuing the telephone number designated for amateur radio
complaints, 202-418-1184, and will rely exclusively on the internet
system, with the mail back-up.

Complaints that have already been made by telephone prior to this
notice will be acted upon, and persons who have left messages on the
Amateur Complaint line number will receive return calls by Commission
staff. However, in the future, that number will not be available for
complaints.

- FCC -

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MONTHLY ARCHIVE: fccreg.9905
MONTH: 1999-05
SOURCE: http://ftp.tapr.org/tapr_history/SIG_Archives/fccreg/fccreg.9905
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Date: Fri, 7 May 1999 07:58:20 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC Schedules 3 Panels to Discuss Agency's Future
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
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FCC Schedules 3 Panels to Discuss Agency's Future

FCC

Summary:

8:35:46 AM 5/7/99 FCC Chairman Bill Kennard wants the public's take on the role of the commission in the 21st century, and he scheduled three forums to collect the data for an upcoming five-year plan. Comments also can be sent to a new FCC e-mail Web page related to the forums. The dates and constituency for the forums are: May 20, 2 - 5 p.m., for the general communications industry; June 2, 10 a.m. - 1 p.m., for consumers and state & local government; and June 11, 10 a.m. - 1 p.m., for academic and organizational experts. The FCC will use the results of the three meetings in the report aimed at restructuring and streamlining FCC functions and management.

Full Article:

Released: May 6, 1999

CHAIRMAN KENNARD TO CONVENE
THREE PUBLIC FORUMS ON
A NEW FCC FOR THE 21ST CENTURY

Chairman Kennard today announced that he will convene three public forums to discuss the future of the Federal Communications Commission in the 21st Century. The purpose of the forums is to assist the Chairman in preparing a five-year strategic plan that would outline a timetable for restructuring and streamlining FCC functions and management.

The Public Forums have been scheduled for the following days:

Thursday, May 20, 2 - 5 p.m.General Industry Wednesday, June 2, 10 - 1 p.m.Consumer, State & Local Government Friday, June 11, 10 - 1 p.m.Academic and Organizational Experts

Each of the forums will be held in the Commission Meeting Room at 445 12th Street, S.W., Washington, D.C. All three forums will be open to the public, and seating will be available on a first come, first serve basis. Kathryn Brown, the FCC's Chief of Staff, will moderate the discussion at each forum.

On March 17, 1999, Chairman Kennard and the other Commissioners testified before the House Subcommittee on Telecommunications, Trade, and Consumer Protection on the Reauthorization of the FCC, including suggestions for structural and organizational changes to the FCC. As part of his testimony, the Chairman submitted a report entitled "A New Federal Communications Commission for the 21st Century." In the report, the Chairman stated that in a world of fully competitive communications markets, the FCC should focus only on those core functions that are not normally addressed by market forces. These core functions would revolve around: i) universal service, consumer protection, and information; ii) enforcement and promotion of pro-competition goals domestically and worldwide; and iii) spectrum management.

The report outlines the restructuring, streamlining, and deregulation steps the Commission is already taking to transition to this model. The Chairman also announced that the FCC is preparing a five-year strategic plan that would serve as the Commission's blueprint as we enter the 21st Century. A major aspect of the five-year strategic plan is the receipt of input from the FCC's stakeholders, including Congress, state and local governments, industry, consumer groups, and others.

In order to solicit this input, each of the public forums will be divided into three sessions lasting approximately one hour each:

Session I

What Should the FCC's Role Be in the 21st Century?

oWhat is your vision of the communications marketplace of the future?

oIn the communications marketplace of the future, what activities would the FCC no longer do? What functions would remain?

oIn his March 17th report, the Chairman stated his vision of the FCC's future core functions as revolving around: i) enforcement of pro-competition goals domestically and worldwide; ii) consumer protection, information, and universal service; and iii) spectrum management. What are your views on this vision?

oHow would you prioritize the FCC's current workload in order to transition to a New FCC for the 21st Century?

Session II

How Should the FCC Be Structured in the Communications Marketplace of the Future?

oIn view of what will be a changing role for the FCC in the future, what structural changes, if any, should be made to reorganize the FCC beyond the previously announced intent to create an Enforcement Bureau and a Public Information Bureau?

oWhat structural recommendations do you have regarding the FCC's license application functions? Its policy and rulemaking functions?

oWhat steps should the FCC take to strengthen its technical resources and its commitment to promoting competition and access to communications services world-wide?

oIn view of what the FCC's core functions will be in the future, what recommendations do you have regarding FCC resources and staffing needs, including the need to attract and retain high-quality employees?

Session III

How Can the FCC Work More Efficiently and Effectively to Deliver Services to the Public?

oWhat are your top three recommendations for ways the FCC can work more efficiently and effectively and be more user-friendly?

oWhat specific and/or general recommendations do you have in the areas of streamlining and deregulation?

oWhat recommendations do you have to improve the Commission's priority-setting process? -- What is your view on whether the Commission should establish a professional management directorate to help manage the agency's decision-making processes?

An e-mail site has been established to receive additional input from the public on the above questions. The e-mail address is (newfcc@fcc.gov). In addition, time permitting, views and/or questions received during the course of the public forums via this e-mail site will be addressed at the public forums along with the views of the attendees.

The forums will be carried live on the Internet, barring any technical difficulties. Internet users may listen to the real-time audio feed of the forums via the FCC Internet Audio Broadcast Home Page. Step-by-step instructions on how to listen to the audio broadcast, as well as information regarding the equipment and software needed, are available on the FCC Internet Audio Broadcast Home Page. The URL address for this home page is http://www.fcc.gov/realaudio/.

A transcript of each of the forums will be available 10 days after each event on the FCC's Internet site. The URL address for the FCC's Internet Home Page is http://www.fcc.gov. Transcripts may also be obtained from the FCC's duplicating contractor, International Transcription Service, 1231 20th Street, N.W., Washington, DC 20036, by calling ITS at (202) 857-3800 or faxing ITS at (202) 857-3805. Audio and video tapes of the forums may be purchased from Infocus, 341 Victory Drive, Herndon, VA 20170, by calling Infocus at (703)

834-0100 or by faxing Infocus at (703) 834-0111.

Persons or organizations interested in participating in the forums
should contact the following persons: May 21st Industry Forum --
Stephen Klitzman, (202) 418-1913; June 2nd Consumer, State and Local
Government Forum -- Ellen Blackler, (202) 418-0491; June 11th
Academic and Organizational Experts Forum -- Lisa Sockett,
(202)418-2668. News media contact: Maureen Peratino at (202) 418-0500.

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Date: Mon, 24 May 1999 12:11:26 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC SPIKES RESTRUCTURING RUMORS AT DAYTON
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
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X-Message-Id: <v04205109b36f54ae9a91@[192.168.1.8]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC SPIKES RESTRUCTURING RUMORS AT DAYTON

The big FCC announcement about Amateur Radio license restructuring that many
hams erroneously had been expecting at the Dayton Hamvention turned out to
be that there would be no announcement. Speaking to a packed house at the
Sunday FCC forum at Dayton Hamvention, Bill Cross, W3TN, of the FCC's
Wireless Telecommunications Bureau spiked rumors that the FCC would have
something substantive to say at Dayton about Amateur Radio restructuring, WT
Docket 98-143.

"I can confirm without reservation that the rumors that have been flying
fast and furious as to what the Commission has decided or will decide are
just rumors," he said. According to Cross, the Commission had not decided
anything as of May 13.

Cross said the FCC received 2250 comments from the amateur community in the
proceeding. Comments have been read and filed, he said. Some comments
continue to straggle in, although the deadline passed in January.

Cross offered his take on what the FCC might do, inferring that the
Commission would propose either three or four license classes, no more, no
less.

Based on the comments received, Cross said, many hams believe amateur
examinations are not testing on the correct information. He invited hams to
suggest questions to the Question Pool Committee, the body that comes up
with the questions that appear on amateur exams. Suggested questions go to
QPC Chairman Ray Adams, W4CPA, 6702 Matterhorn Ct, Knoxville TN 37918-6314.
A copy to Bart Jahnke, W9JJ, ARRL VEC, 225 Main St, Newington, CT 06111,
would be appreciated.

Cross said comments on Morse code testing standards "drew the most
passionate responses." The League has suggested 5 WPM and 12 WPM testing
tiers. Cross said those expecting a new top speed above 20 WPM would be
disappointed, but he offered no other predictions on how the Commission
might act on the CW requirements issue.

Cross also said the Universal Licensing System would be going into effect
for Amateur Radio later this year, and it will incorporate the vanity call
sign program. The system will replace the venerable Form 610 series with a
new, inclusive electronic document known as Form 605. ULS will permit

amateurs to file applications, modifications or renewals via the Internet.
Individual hams will not be required to file electronically, however. He
encouraged hams to register for the ULS.

For more information, visit the FCC's Amateur Radio page,
<http://www.fcc.gov/wtb/amateur/>

Source: The ARRL Letter
Vol. 18, No. 21
May 21, 1999

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MONTHLY ARCHIVE: fccreg.9906
MONTH: 1999-06
SOURCE: http://ftp.tapr.org/tapr_history/SIG_Archives/fccreg/fccreg.9906
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From bounce-fccreg-6756@lists.tapr.org Wed Jun 9 09:43:36 1999
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for <lyris.fccreg@tapr.org>; Wed, 9 Jun 1999 09:43:34 -0500 (CDT)
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Date: Wed, 9 Jun 1999 06:52:33 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC REVISES BROADCASTING MANUAL
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
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X-Message-Id: <v0420540bb384221a26b9@[192.168.73.1]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC REVISES BROADCASTING MANUAL

The FCC has issued a updated version of its manual, "The Public and
Broadcasting," which is designed to provide the public with a general
overview of FCC broadcast regulation. Commercial and noncommercial
broadcast stations must place this version of the manual in their
public inspection files.

For more information, go to: <http://www.fcc.gov>

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id IAA05928
for <lyris.fccreg@tapr.org>; Thu, 17 Jun 1999 08:29:44 -0500 (CDT)
Mime-Version: 1.0
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Message-Id: <LYR6756-26266-1999.06.17-08.36.06--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Thu, 17 Jun 1999 06:29:16 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] Hill Considers Spectrum Sharing
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
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X-Message-Id: <v04205408b38ea89fd5d4@[192.168.1.8]>

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Precedence: bulk

Hill Considers Spectrum Sharing - - -

A coalition of communications organizations
that includes the Satellite Broadcasting and
Communications Association has teamed up to
lobby legislators to revise language in the
proposed Defense Authorization Bill regarding
spectrum sharing.

A recently-adopted amendment to the Senate
bill would give the Department of Defense
(DOD) "super primary" status in any spectrum
it now shares with commercial systems. The
amendment also contains stiff penalties for
commercial systems that interfere with any
DOD frequency usage.

The coalition, which also includes the
Satellite Industry Association and the
Cellular Telecommunications Industry
Association, is asking the Federal Communications
Commission (FCC) and the National Telecommunications
and Information Administration (NTIA) to consider
the existing spectrum management process and
how it can be adapted to determine fair sharing
and interference requirements.

The DOD, however, has consistently requested
greater spectrum access. Speaking to the Senate
Armed Services Committee last year, Deputy
Secretary of Defense John J. Hamre said,
"Advances in technologies, such as anti-stealth
and portable mine detection radar, integrated
aircraft avionics, and secure, high-capacity
communications, will require greater spectrum
access rather than less."

The coalition is expected to meet with
FCC and NTIA officials next week to try
to agree on a solution that is satisfactory
to both sides.

Source: SkyREPORT.COM E-News for 06/17/99

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Message-Id: <LYR6756-26528-1999.06.18-22.35.56--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Fri, 18 Jun 1999 20:27:40 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] DoD Approps Clause Draws More Fire
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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DoD Approps Clause Draws More Fire

CTIA

PCIA

TIA

Summary:

7:39:53 AM 6/18/99 Industry groups representing both wireless and wireline interests signed joint letters to several senators and representatives in key communications positions expressing serious concerns with parts of two bills that would allow for the immediate auction of spectrum the group calls "critical" to national and international needs. According to the signatories, who represent such groups as CTIA, PCIA and TIA, language in the Senate Defense Department appropriations bill would allow DoD systems to be elevated to "super-primary" status in every shared band in which they operate, including bands where DoD currently has secondary status. The House bill includes language regarding potential GPS interference that could hamper current communications arrangements between government and non-government users.

Full Article:

Washington, D.C. - The major telecommunications associations in the United States have joined together to ask Congress to oppose those sections of the National Defense Authorization Act of Fiscal Year 2000 (S. 1060 and H.R. 1401) that would suspend the long-standing spectrum management process and harm a broad range of wireless technologies.

Late today letters were sent to Sen. John Warner, chairman of the Senate Armed Services Committee, Sen. John McCain, chairman of the Senate Commerce Committee, Congressman Tom Bliley, chairman of the House Commerce Committee, and Congressman Floyd Spence, chairman of the House Armed Services Committee, expressing serious concerns with Sections 1049 and 1050 of S. 1060 and Section 151 of H.R. 1401.

Language passed in Sections 1049 and 1050 of S. 1060 would negatively affect the operations of existing and future private and commercial wireless systems. DoD systems would be elevated to "super-primary" status in every shared band in which they operate, including bands where DoD currently has only "secondary" status. The provisions also would repeal past decisions by Congress and NTIA to reallocate government spectrum to the private sector and discourage future sharing arrangements between the government and non-government users, since non-government use of the spectrum always would be uncertain. Finally, U.S. companies and non-DoD government agencies would be denied equal access to spectrum that is critical to their operations, and forced to incur new and unnecessary costs associated with moving to other bands. Commercial and private users of radio spectrum and wireless services used by millions of Americans would be negatively affected by this.

Section 151 of H.R. 1401 would prohibit DoD from purchasing or leasing communications equipment and services that might interfere with the Global Positioning System (GPS). H.R. 1401 also would override the existing spectrum management process and allow DoD to establish the standard for emissions from communications equipment. The language would cripple DoD's ability to communicate by requiring it to discontinue use of all leased communications services, such as PCS and cellular, and any commercial satellite systems, including fixed and mobile satellite services, until such time as equipment could be certified as not causing interference to GPS. Finally, the language would add a new regulatory burden and expense by requiring that all communications equipment and services to be used by DoD go through a separate testing process in addition to the well-established equipment certification process.

Attached is the letter sent to Congressman Bliley. For copies of the other letters, please contact Ellen Mullally, at 703-535-7413, or Beth Zuczek at 703-535-7414.

June 16, 1999

The Honorable Tom Bliley, Jr.
United States House of Representatives
Chairman, Committee on Commerce
Washington, DC 20515-6115

Dear Mr. Chairman:

We would like to thank you for your leadership over the past four and one half years in advancing wireless telecommunications in the United States and around the world. As Chairman of the Commerce Committee, your work has yielded substantial benefits for consumers and helped foster competition throughout the telecommunications marketplace.

The National Defense Authorization Act for Fiscal Year 2000 (H.R. 1401 and S. 1060) presently includes provisions that would negatively affect the operation of existing commercial and private wireless communications systems as well as impede the development of innovative new wireless services in the future. As you mentioned in your June 10, 1999 floor statement, sections in both versions of the legislation undermine the existing spectrum management and international coordination processes that are critical to our nation's telecommunications infrastructure.

The undersigned associations represent the leading telecommunications service providers, users, and equipment manufacturers in the United States, which account for one-sixth of the nation's economy. We ask for your continued support in opposing those sections in the Defense Authorization Act that would suspend the long-standing spectrum management process and harm a broad range of wireless technologies.

Section 151 of H.R. 1401 would prohibit DoD from purchasing or leasing communications equipment and services that might interfere with the Global Positioning System (GPS). H.R. 1401 would also override the existing spectrum management process and allow DoD to establish the standard for emissions from communications equipment. The language would cripple DoD's ability to communicate by requiring it to discontinue use of all leased communications services, such as PCS and cellular, and any commercial satellite systems, including fixed and mobile satellite services, until such time as equipment could be certified as not causing interference to GPS. Finally, the language would add a new regulatory burden and expense by requiring that all communications equipment and services to be used by DoD go through a separate testing process in addition to the well-established equipment certification process.

This provision of H.R. 1401 is particularly vexing because it comes at a time when the FCC is still considering the appropriate level of protection that neighboring communications networks must provide to GPS. These fully public proceedings are in rulemaking Dockets IB No. 99-67 and WT No. 96-86. The GPS interference protection standard was proposed to the FCC by NTIA, the President's designated spectrum management agency, after consultations through its IRAC process that includes the Department of Defense. Civilian users of GPS are free to make their positions known to the FCC and NTIA through these proceedings and to have their technical claims judged on a public record.

The Senate has passed equally troubling legislative language in Sections 1049 and 1050 of S. 1060, which would negatively affect the operations of existing and future private and commercial wireless systems. These provisions would elevate DoD systems to "super-primary" status in every shared band in which they operate, including bands where DoD currently has only "secondary" status. It would also effectively repeal past decisions by Congress and the NTIA to reallocate government spectrum to the private sector and discourage future sharing arrangements between government and non-government users, since non-government use of the spectrum would always be uncertain. Finally, the language would deny U.S. companies (and non-DoD government agencies) equal access to spectrum that is critical to their operations, and force them to incur new and unnecessary costs associated with moving to other bands. This will negatively affect many commercial and private users of radio spectrum and wireless services used by millions of American citizens. (See attachment of impacts on specific industries.)

While some spectrum bands are allocated on an exclusive basis, 93% of the spectrum between 30 MHz and 300 GHz is shared between Federal Government and non-Federal users. For many of these bands, Federal and non-Federal users operate on a "co-primary" basis with each "primary" user entitled to the same protection rights as every other "primary" user. These systems usually operate pursuant to sharing rules agreed to by NTIA and the FCC that are designed to promote more

efficient use of limited useable radio spectrum.

We believe that it is critical for DoD, law enforcement and public safety organizations to have access to sufficient spectrum that is free from harmful interference. Mr. Chairman, we support the Committee's desire to ensure that our nation's spectrum management allocation policy decisions are made in a way that inures to the benefit of our national security. We believe, however, that the established spectrum management process operated by the FCC and the NTIA, with continuing oversight by Congress, is the appropriate means of resolving the isolated incidents of interference that government agencies may encounter.

The efficient utilization of spectrum is extremely important to the U.S. and global economies. Spectrum management policies established by NTIA and the FCC in the U.S. have been an important part of ensuring that spectrum is efficiently used. To change this process abruptly on the basis of one or two isolated problems would have substantial and adverse effects on U.S. technological capability. These provisions would undermine the spectrum management process that has served this country well for decades, and jeopardize the continued operations of thousands of commercial and privately owned wireless systems and their millions of users.

Mr. Chairman, we truly appreciate the concern you have shown that any final version of a defense authorization bill not interfere or cause harm to telecommunications policy. As the House and Senate prepare for the Conference on the FY 2000 DoD Authorization, we urge you to ensure that the House Commerce Committee seeks the appointment of conferees and request that the provisions cited above be deleted from the final conference report. Please do not hesitate to contact any of us if you need additional information. Thank you for your time.

Sincerely,
Thomas E. Wheeler
Tom Keller
Mark Crosby
Jay Kitchen
Charles C. Hewitt
Clayton Mowry
Matthew J. Flanigan

cc: The Honorable John Dingell
The Honorable W.J. (Billy) Tauzin
The Honorable Michael Oxley
The Honorable Michael Bilirakis
The Honorable Joe Barton
The Honorable Fred Upton
The Honorable Cliff Stearns
The Honorable Paul Gillmor
The Honorable James Greenwood
The Honorable Christopher Cox
The Honorable Nathan Deal
The Honorable Steve Largent
The Honorable Richard Burr
The Honorable Brian Bilbray
The Honorable Ed Whitfield
The Honorable Greg Ganske
The Honorable Charles Norwood
The Honorable Tom Coburn
The Honorable Rick Lazio
The Honorable Barbara Cubin
The Honorable James Rogan
The Honorable John Shimkus
The Honorable Heather Wilson
The Honorable John Shadegg
The Honorable Chip Pickering
The Honorable Vito Fossella
The Honorable Roy Blunt
The Honorable Ed Bryant
The Honorable Robert Ehrlich
The Honorable Henry Waxman
The Honorable Edward Markey
The Honorable Ralph Hall
The Honorable Rick Boucher

The Honorable Edolphus Towns
The Honorable Frank Pallone
The Honorable Sherrod Brown
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Message-Id: <LYR6756-26885-1999.06.21-17.33.39--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Mon, 21 Jun 1999 14:20:25 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] EASY OPERATION OVERSEAS NOW A REALITY FOR US HAMS
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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EASY OPERATION OVERSEAS NOW A REALITY FOR US HAMS

Operating in most of Europe and in some South American countries just got
much easier for US hams. The FCC has implemented the European Conference of
Postal and Telecommunications Administrations (CEPT) Recommendation T/R
61-01 that eliminates the need to obtain a special license or permit for US
hams wishing to operate for brief visits to most European countries. In
addition, the ARRL has begun issuing International Amateur Radio Permits to
simplify operation by US hams in certain South American countries.

The FCC put the final pieces of the CEPT arrangement into place June 7 by
issuing a Public Notice in English, German, and French that spells out the
basic information about Amateur Radio operation in CEPT countries. To
operate in a CEPT country, US hams only need a copy of the Notice, their
original Amateur Radio document, and proof of US citizenship.

US hams holding any license class but Novice are eligible to operate in CEPT
countries. A US citizen with a Technician ticket may be authorized
privileges equivalent to a CEPT Class 2 (ie, VHF-only) license, while a US
citizen holding a higher class license may be authorized CEPT Class 1 (ie,
all amateur and amateur-satellite) privileges.

The authorization is for use of a portable or mobile station only, including
stations set up at hotels or a camping site. Authorization is also granted
for US hams to operate the stations of permanent licensees in host
countries. The use of Amateur Radio aboard an aircraft is not allowed,
however. To identify while overseas, US stations will use their assigned
call signs preceded by the CEPT call sign prefix for the country or
territory visited.

US stations operating in other countries must abide by the provisions of the ITU Radio Regulations as well as CEPT Recommendation T/R 61-01 and the regulations of the host country. This means that US operators planning to operate in other countries must become familiar with that country's regulations and frequency allocations, paying special attention to regional differences.

Participating CEPT countries as of June 7 include Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Netherlands, Norway, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom. For updates, visit the ERO Web site, http://www.ero.dk and click on "Implementation," then "Decision/Recommendation," then "T/R-61-01".

The ARRL has begun issuing the International Amateur Radio Permit (IARP) that allows US amateurs to operate from Argentina, Brazil, Peru, Uruguay, and Venezuela without having to obtain a special license (the US and Canada also are CITEL signatories). The IARP is valid in any country that is a signatory to the CITEL Amateur Convention.

The Class 1 IARP--available to Tech Plus and higher class licensees--requires knowledge of Morse code and carries all operating privileges. The Class 2 IARP--equivalent to the US Technician ticket--does not require knowledge of Morse code and carries all privileges above 30 MHz. An IARP is not a license, but it certifies the existence of a license. There's a $10 application fee to obtain an IARP from the ARRL.

Complete information on CEPT and IARP operation, including an IARP application form and a copy of the FCC Public Notice on CEPT, is available from the International Operating page on ARRLWeb, http://www.arrl.org/field/regulations/io/.

Earlier this year, the FCC simplified operation in the US by hams from other countries. Alien visitors to the US holding an amateur license issued by their home country may operate here without submitting any FCC paperwork--provided there's a reciprocal operating agreement in effect between the two countries.

The new procedures affect operation only in participating CEPT (European) and CITEL (Central and South American) countries. They do not change the procedures for US hams wishing to operate overseas in countries that are not CEPT participants or CITEL Amateur Convention signatories. Information on operation from these countries also is available on the pages of ARRLWeb.

Source: The ARRL Letter
Vol. 18, No. 24
June 11, 1999

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for <lyris.fccreg@tapr.org>; Sun, 27 Jun 1999 14:59:13 -0500 (CDT)
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Date: Fri, 25 Jun 1999 20:56:45 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC RAISES CONDUCTION LIMITS FOR RF LIGHTING DEVICES
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
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List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04205509b399ffdb7245@[207.124.66.125]>
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FCC RAISES CONDUCTION LIMITS FOR RF LIGHTING DEVICES

The FCC has released a First Report and Order in ET Docket 98-42 in which it raises the conduction limits for consumer equipment RF lighting devices operating in the 2.51-3.0 MHz band from 250 uV to 3,000 uV. At the same time the FCC adopted a requirement that manufacturers must provide an advisory statement with the product that includes wording to the effect: "This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45-30 MHz."

"While 3,000 uV sounds like a lot, because it is conducted rather than radiated, tests in the ARRL Lab of the devices revealed that it shouldn't pose a problem for amateurs," says ARRL Executive Vice President David Sumner, K1ZZ. "Accordingly, our comments with regard to this part of the proceeding concentrated on urging a labeling requirement."

Another part of the proceeding, on which the FCC has not yet acted, involves devices operating in the 2450 MHz band. These appear to have a greater interference potential.

Source: The ARRL Letter
Vol. 18, No. 26
June 25, 1999

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id PAA00323
for <lyris.fccreg@tapr.org>; Thu, 1 Jul 1999 15:25:32 -0500 (CDT)
Mime-Version: 1.0
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Message-Id: <LYR6756-28295-1999.07.01-15.32.35--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Thu, 1 Jul 1999 13:22:47 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] TECHNOLOGICAL ADVISORY COUNCIL REQUESTS WHITE PAPERS
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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Released:
July 1, 1999

TECHNOLOGICAL ADVISORY COUNCIL REQUESTS WHITE PAPERS

Dr. Robert Lucky, Corporate Vice President, Telcordia and Chairman of the FCC's Technological Advisory Council ("TAC"), a Federal Advisory Committee that consists of a broad array of well- known technologists, has requested that interested members of the public submit white papers covering any of the topics under consideration by TAC's three focus groups. These focus groups are:

1. Spectrum Management

TASK: Assess and report to the TAC the current state of software defined radios, cognitive radios, and similar devices, predict future developments for these technologies, and suggest ways that the availability of such technologies might affect the FCC's traditional approaches to spectrum management, as well as ways that the FCC could facilitate experimentation and commercial deployment of such devices.

Assess and report to the TAC the current state of knowledge concerning electromagnetic noise levels and the effects of such noise on the reliability of existing and future communications systems, including whether the FCC should focus more closely on electromagnetic noise levels in addressing spectrum management issues; and suggest technical approaches for obtaining adequate empirical information concerning electromagnetic noise levels.

Charles L. Jackson, moderator

2. Accessibility for Disabled Persons

TASK: Assess and report to the TAC current technical trends in telecommunications services; suggest any changes that might decrease, rather than increase, the accessibility of telecommunications services by persons with disabilities; and suggest how the FCC might best communicate to designers of emerging telecommunications network architectures, requirements for accessibility

Gregg Vanderheiden, moderator

3. Network Interconnection and Access

TASK: Assess and report to the TAC, from a technical/economic perspective, telecommunications common carrier network interconnection scenarios that are likely to develop, including the technical aspects of cross network (i.e., end-to-end) interconnection, quality of service, network management, reliability, and operations issues, as well as the deployment of new technologies such as dense wave division multiplexing and high speed packet/cell switching

Marvin Sirbu, moderator

Additional information on TAC and these focus groups and their topic areas can be obtained through the Internet at:
http://www.fcc.gov/oet/tac/

White papers should be limited to twenty-five pages including references and appendices and should specify in their heading the focus group and specific topic being addressed. White papers should be sent directly to Dr. Robert Lucky, Room 3Z367A, 331 Newman Springs Rd., Redbank, NJ 07701 with electronic copy on disk, or e-mailed to snanney@telcordia.com. White papers should not be sent to the FCC.

Submission of a white paper will constitute permission to edit and post the paper on the TAC focus groups' internet web sites. Dr. Lucky reserves the right to select only those papers that are appropriate for such posting.

Posting on a focus group's web page is intended to provide the public with an opportunity to present its views and to provide information to the public. The posting of a white paper does not constitute consideration or adoption of the views expressed therein, either by the FCC, the TAC, any focus group or any staff or members of these organizations. Posted white papers do not constitute recommendations of the focus group to the TAC, or to the FCC, nor do they represent TAC recommendations to the FCC.

The present notice is a function of the staff support that the FCC may provide its Federal Advisory Committees. This notice is not related to, and does not initiate, any FCC proceeding. It is not a request for comments. White papers offered in response to this notice will not be reviewed by the FCC or FCC staff.

For further information, contact Robert Kimball at 202-418-2339 voice, 202-418-1944 fax, bkimball@fcc.gov.

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA17894
for <lyris.fccreg@tapr.org>; Sun, 4 Jul 1999 12:33:39 -0500 (CDT)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Message-Id: <LYR6756-28609-1999.07.04-12.40.16--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Sun, 4 Jul 1999 12:31:51 -0500
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [fccreg] Re: [aprssig] Re: IMPORTANT TO READ...NO MORE 2 meters,etc. for digital?
Cc: "NETSIG list mailing"<netsig@tapr.org>,
" Spread Spectrum "<ss@tapr.org>, " fcc "<fccreg@tapr.org>
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04020a08b3a531e9c540@[192.168.0.2]>
<LYR841-28574-1999.07.04-08.39.51--wd5ivd#tapr.org@lists.tapr.org>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

Steve is correct. This is a very important PRM to read, consider, and
comment on.

I have placed the pdf file in question, in my web area for easier access:
http://www.tapr.org/~wd5ivd/RM-9673.pdf
I urge all of you reading this message to go grab the NPRM and read it.

This has been in the works for sometime now and is actually an off sprout
of the Spread Spectrum rule making that TAPR has been pushing. I was aware
that Bill Tynan was working on this over a year ago. There are two major
sides to this. The NPRM reflects the side that basically wants band
segment plans defined in the rules and the other side feels that we can't
limit the nature of operations on the amateur bands so as to allow the most
utilization of the spectrum as possible now and in the future, since
technology and people who use it change with time. Once something gets
into the rules, the spectrum is stuck. Once the spectrum is locked in
place, we lose one of the greatest advantages of amateur radio, that of
large segments of contiguous spectrum. If we continue to further segment
our own spectrum, we only further reduce the usage on these segments and
make it easier for someone to say that our bands are under utilized and
therefore they should be placed into the commercial sector. A very
difficult position which we would be hard pressed to defend.

This is a VERY DANGEROUS slope we face if the FCC goes ahead with this
NPRM. Bandwidth in the amateur radio bands must remain open to its usage
and not be further segmented within the community. Their are already rules
in the regulations that keep people from interfering with each other, and
trying to set up band plans in Part 97 is a big mistake and will impact
amateur radio very negatively for a long time maybe even permanently.

This seems all very harmless and might look like something many of you can
support, but the down side that isn't explained is that once rules get
enacted in Part 97 it literally takes many years to get something changed
again. Take the Spread Spectrum rule making TAPR started to work on in
1994 (yes 94). Here it is 5+ years later and the FCC has the basic wording
defined, but it still sits someplace waiting to finally get put before the
commissioners to get signed. Until these rules do get signed we are still
burdened with SS rules written in the early 80's (approaching 20 years
old). This could easily happen with this PRM. It might pass and in ten
years we might need to be operating different modes, which would not be
acceptable with the rules changes suggested in this PRM.

The basic premise is that the amateur radio bands should be non-restrictive
so that the spectrum benefits the most people. Hams should be trained well
enough to know where they should operate to be in good amateur radio
operating practice. While there are some that ignore good practice and
operate where they want, creating additional rules in the Part 97 will not
stop these poor operators, but it will impact those of us that do follow
the rules and amateur radio as a whole in order to benefit a specific
sub-group within our hobby.

Greg Jones, WD5IVD

>On 7/4/99 5:49 AM Dan Quigley (danq@quigleys.com) wrote:
>
>>>"The FCC has assigned RM-9673 to a petition by the Central States
>>> VHF Society, Inc., seeking generally more restrictive regulation of the
>>> modes used by amateurs in the 6 m, 2 m, 1.25 m, and 70 cm bands. ...
>
>>After reading through this I don't think it is out of line or sets any
>>dangerous precedent and will support it.
>>
>Read it again. The actual proposal is to eliminate all data from
>50.1-54.0 and 144.1-148 MHz! Yes, what the text discussion implies and
>the actual proposed changes in Appendix A say are different, and maybe it
>is just an error. However, if I were the CSVHFS making a proposal to the
>FCC, I'd be darned sure the proposal said what I mean. The fact that they
>ADD data to the 50 to 50.1 and 144 to 144.1 segments (currently CW only)
>makes me think this might not be an error. Also, since they explicitly
>state that no changes are proposed for unlisted segments, the fact that
>they list each segment of the band makes me believe they mean to make
>changes outside of the 50.1 to 50.3 and 144.1 to 144.3 areas of their
>stated interest.
>
>Regardless of their motives and any possible error, there IS a proposal
>now before the FCC that would eliminate data from all but a tiny segment
>of the 2 meter and 6 meter bands.
>
>If it is an error, if all they were asking for is protection in the 50.1
>to 50.3 and 144.1 to 144.3 segments, I could support it. However, they
>also explicitly wish to eliminate all test activity below 222 MHz, which
>is something I cannot support. The ability to experiment is central to
>amateur radio, and that ability must be maintained.
>
>>2) The petition is introduced with a supporting letter from Bill Tynan
>>(W3X0) Chairman of AMSAT-NA.
>>
>Yes, but acting in his position of Chairman of the Government Liason
>Committee of CSVHFS, not his AMSAT-NA hat.
>
>Steve K4HG

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id NAA18805
for <lyris.fccreg@tapr.org>; Sun, 4 Jul 1999 13:01:10 -0500 (CDT)
Message-ID: <LYR6756-28626-1999.07.04-13.07.46--lyris.fccreg#tapr.org@lists.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: "KC5GOI" <kc5goi@kc5goi.net>
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
Subject: [fccreg] Re: [aprssig] Re: IMPORTANT TO READ...NO MORE 2 meters,etc. for digital?
Date: Sun, 4 Jul 1999 13:00:36 -0500
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Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <005901bec647$1f02afc0$adcc2bcf@kc5goi.infospeedway.net>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

I saw the post on the sig and have started to work on this as well. I did
notice that some of the comments on the sig seem to indicate that CSVHF
wants to eleminate all packet from VHF/UHF allocations. This is not true
but I agree on your points on segmenting the allocations. I will have my

comments completed this evening and I am working on comments to ARRL as
well. In my conversations with Stan, we decided to limit our comments to
less than 2 pages and we will not include points schemes at this time but
will offer to help out on points. I will word the offer so we look like we
want to maintian a consistant points scheme.

73, Guy Story
kc5goi@kc5goi.net
http://www.kc5goi.net
940.243.0754
-----Original Message-----
From: Greg Jones <wd5ivd@tapr.org>
To: TAPR FCC Regs Discussion List <fccreg@lists.tapr.org>
Cc: NETSIG list mailing <netsig@tapr.org>; Spread Spectrum <ss@tapr.org>;
fcc <fccreg@tapr.org>
Date: Sunday, July 04, 1999 12:33 PM
Subject: [fccreg] Re: [aprssig] Re: IMPORTANT TO READ...NO MORE 2
meters,etc. for digital?

>Steve is correct. This is a very important PRM to read, consider, and
>comment on.
>

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Date: Sun, 4 Jul 1999 13:37:25 -0500
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Greg Jones <wd5ivd@tapr.org>
Subject: [fccreg] Error on my part
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04020a15b3a55a1b3ad9@[192.168.0.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

I grabbed the wrong rule making number.

The correct NPRM is PRM99WT on the CSVHF rule making.

I grabbed the second one on the FCC web page. Should have double checked.

Sorry about that.

Cheers - Greg

Greg Jones, WD5IVD Austin, Texas
wd5ivd@tapr.org http://www.tapr.org/~wd5ivd

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MONTH: 1999-08
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==

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id HAA21635
for <lyris.fccreg@tapr.org>; Fri, 13 Aug 1999 07:51:21 -0500 (CDT)
Mime-Version: 1.0

X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-34136-1999.08.13-07.59.58--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Fri, 13 Aug 1999 05:49:05 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] CHAIRMAN KENNARD DELIVERS TO CONGRESS DRAFT STRATEGIC PLAN FOR 21ST CENTURY
Content-Type: text/plain; charset="iso-8859-1" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
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FOR IMMEDIATE RELEASE: News Media contact:
August 12, 1999 Linda Paris at (202) 418-7121
Maureen Peratino at (202) 418-0506

CHAIRMAN KENNARD DELIVERS TO CONGRESS DRAFT
STRATEGIC PLAN FOR 21ST CENTURY
Sees Need for New Structure in Era of Converging Technologies;
Calls for Faster, Flatter and More Functional Agency

William E. Kennard, Chairman of the Federal Communications Commission
(FCC), today delivered to Congress a draft strategic plan for the
future, entitled "A New FCC for the 21st Century."

"With this plan," Chairman Kennard noted, "the FCC is meeting the
challenge of reinventing itself to keep pace with the rapidly
changing communications industry landscape. We've developed a
well-thought-out plan that reflects input from consumer groups,
industry, state and local governments, the academic community, and
FCC employees. It will allow the FCC to enter the next century able
to respond fully and quickly to emerging technologies and the
inexorable movement from regulation to competition. The Commission
looks forward to a constructive dialogue with Congress and a
continuing dialogue with all our stakeholders to ensure that this
plan is inclusive, and addresses the needs of the American people."

The plan envisions that in five years U.S. communications markets
will be characterized predominantly by vigorous competition that will
greatly reduce the need for direct regulation. The FCC as we know it
today will be very different both in structure and mission. As a
result, the FCC must wisely manage the transition from an industry
regulator to a market facilitator.

The plan notes that the advent of Internet-based and other new
technology-driven communications services will erode the traditional
regulatory distinctions between different sectors of the
communications industry. The FCC's primary goals, however, of
promoting competition in communications, protecting consumers, and
supporting access for every American to existing and advanced
telecommunications services will continue unabated. What will change
is the means and mix of resources necessary to achieve these goals in
an environment marked by greater competition and convergence of
technology and industry sectors.

In this new environment, the FCC must refocus its efforts from
managing monopolies to addressing issues that will not be solved by
the market. To do this, it must: (1) create a model agency for the
Digital Age; (2) promote competition in all communications markets;
(3) promote opportunities for all Americans to benefit from the
communications revolution; and (4) manage the electromagnetic
spectrum (the nation's airwaves) in the public interest. Throughout
the plan, the FCC focuses in particular on consumer protection and
enforcement to ensure that consumers are empowered and treated fairly
as they navigate the new world of communications.

For each of these goals, the plan establishes specific objectives and
policy initiatives. (See attachment for more details.) To assess
whether the FCC is on track in achieving these goals, there are

specific performance measurements to be achieved within five years on key dimensions such as industry outcomes, consumer benefits, and Commission output. The plan also notes where statutory changes may be necessary to achieve the goals and includes a summary of those proposals.

The plan recognizes that it is necessary to restructure the way the FCC is organized to reflect changes in the regulatory landscape. In addition, the FCC must streamline its licensing activities, accelerate the decisionmaking process, and allow the public faster and easier access to information through increased automation and efficiency. The FCC must become a "one-stop, digital shop" where form-filing and document- location is easy and instantaneous.

This draft plan was developed in consultation with the senior management of the Commission. In addition, four forums were convened to get input from FCC stakeholders
industry, consumers, state and local governments, academia, and FCC employees. It will continue to be refined after further discussion with these stakeholders and with Congress.

The plan is available on the Internet at http://www.fcc.gov/21st_century/. Paper copies are available from ITS, the FCC's duplicating contractor, at (202) 857-3800.

- FCC -

Office of Plans and Policy contacts: Robert Pepper or Lisa Sockett at (202) 418- 2030; Office of Legislative and Intergovernmental Affairs contact: Sheryl Wilkerson at (202) 418-1900.

A NEW FCC FOR THE 21ST CENTURY

MAJOR ANNOUNCEMENTS

Create a Model Agency for the Digital Age

o The Commission is committed to reorganizing along functional lines:

§ We will begin the transition to consolidating our rulemaking and licensing functions by using one of our current bureaus as a test case. The goal is to streamline our regulatory processes and to provide one-stop shopping for license applicants, while at the same time eliminating obsolete functions.

§ We will examine the effects of increased competition and convergence on our existing bureaus to consider what areas should be restructured. For example, consideration will be given toward restructuring our media-related cable and mass media functions to create a media competition bureau.

§ Our vision is to restructure the agency along the functional lines of enforcement, consumer information, licensing, competition/policy, and international communications. These functional areas will replace the current industry-specific Bureaus and be completed in five years.

o The Commission will begin design and development of an Intelligent Gateway which will provide tracking information on the status of proceedings electronically via our website.

o The Commission plans to act on petitions for reconsideration that do not raise significant new issues within 60 days after the record closes, as part of our commitment to move items more quickly.

Promote Competition in All Communications Markets

o The Commission will implement an aggressive Year 2000 Biennial Review of regulations aimed at eliminating unnecessary rules as competition develops.

o The Commission will streamline the technical rules for, and privatize certain aspects of, the certification of telephones and other equipment (Part 68 Rules).

o The Commission will create a joint conference with the states to promote deployment of advanced services to rural areas.

Promote Opportunities For All Americans to Benefit From the
Communications Revolution

o The Commission will establish a Consumer Advisory Board to advise
the agency on consumer issues, including issues involving access for
individuals with disabilities.

o The Commission is developing an outreach plan to increase the
presence of women, minorities, and small-business owners of
communications outlets, which will include holding educational forums
on broadcast and wireless auctions, and bringing together these
entities with representatives from financial and high technology
institutions.

Manage the Electromagnetic Spectrum In the Public Interest

o The Commission is in the process of developing a plan to allocate
and assign up to 200 Megahertz of spectrum for a broad range of new
services, such as expanded wireless communications services, advanced
mobile communications services, and new spectrum-efficient private
land mobile systems.

o The Commission is working on a market-based spectrum initiative
that would, among other things: (i) explore innovative assignment
mechanisms, such as band managers, two-sided auctions, and
combinatorial bidding; (ii) facilitate the creation of a secondary
market for spectrum by establishing a public database on current
spectrum incumbency and holding forums to bring together prospective
buyers and sellers of "after market" spectrum; and (iii) develop and
encourage market-oriented ways to clear encumbered spectrum for more
valuable uses and reduce interference.

o The Commission is actively preparing for the Year 2000 World Radio
Conference which will help promote the competitive provision of radio
services to a world community; ensure the availability of new and
innovative communications services; and protect existing services in
the U.S. and around the world.

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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id MAA13479
for <lyris.fccreg@tapr.org>; Sun, 15 Aug 1999 12:11:59 -0500 (CDT)
Mime-Version: 1.0
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-34477-1999.08.15-12.21.06--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Sun, 15 Aug 1999 10:05:47 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] ULS LOOMS LARGE FOR AMATEURS
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04210106b3dca39fb83b@[204.118.182.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

ULS LOOMS LARGE FOR AMATEURS

Say hello to the ULS! Monday, August 16, the FCC's Universal Licensing
System becomes a reality for the Amateur Service. The FCC said August 13
that the ULS would be out of service until then to prepare for
implementation. This means amateurs will have to wait until the ULS is back
up to register.

The ULS ushers in an era of electronic, interactive filing and handling of
Amateur Radio applications and marks a major change in the way hams will
deal with the FCC. It also means the demise of the familiar paper FCC Form
610 series in favor of the "universal" Form 605--primarily designed for
electronic use but also available on paper. Once registered, amateurs filing

applications with the FCC under the ULS will use Form 605 for all purposes except--at least for now--club station applications.

The FCC began a weeklong ULS phase-in period for the Amateur Service August 8 and has been converting existing Amateur Radio licensing data into the ULS database. Electronic Amateur Radio license renewal using FCC Form 900 was scheduled to end August 9. Electronic vanity call sign application using Form 610V was to terminate August 13 at 5:30 PM Eastern Time. Hams should not file renewal or vanity applications until the ULS comes up August 16.

Before using the ULS to file an application, renew or modify a license, or apply for a vanity call sign, all amateurs must register. When registering, individuals eligible to hold a Social Security Number must provide this number--which the FCC refers to as a Taxpayer Information Number or TIN. This requirement is a mandate of Congress, not of the FCC. All hams must be registered in the ULS to do business with the FCC.

Applicants use TIN Registration Form 606 for both electronic or manual registration. To register electronically, visit http://www.fcc.gov/wtb/uls/ and click on "TIN/Call Sign Registration." A paper Form 606 is available at http://www.fcc.gov/formpage.html or by calling 800-418-FORM (3676). One big advantage only to on-line registrants is that the ULS application system checks for errors before data are submitted.

Applicants first register their Social Security Number (or TIN), then enter a call sign. Applicants also must select a password to identify themselves in future, private transactions with the FCC database. A valid password can be from 5 to 30 alphanumeric characters and is case-sensitive. For additional security, applicants also specify a personal identifier. The FCC and ARRL recommend that applicants not use their Amateur Radio call signs as a passwords or identifiers.

Registrants receive a nine-character Licensee Identification Number. Amateurs may use this number in place of a Social Security Number in future dealings with the FCC. Those filing a paper ULS Form 606 by mail will not receive an acknowledgement from the FCC. Paper filers can obtain their FCC-generated Licensee ID Number from ULS Technical Support at 202-414-1250.

For now, applications for club, military recreation, and RACES licenses should be filed on the "old" FCC Form 610B. Trustees and custodians of these licenses should not use their personal Social Security Number as the TIN for these applications but should contact ULS Technical Support (202-414-1250) to obtain a FCC-generated identification number for Form 610B. Applications that do not include this number are subject to dismissal.

Applications for new licenses or upgrades will continue to be filed through a Volunteer Examiner Coordinator. VECs will use a special NCVEC Form 605--a variation of Form 605--to file with the FCC for test sessions.

Starting August 16, hams already registered in the ULS may file applications using the new FCC Form 605 electronically at any time of day, seven days a week. FCC Form 605 will be used for license renewals, modifications, cancellations, application withdrawals and amendments, as well as requests for a vanity call sign, duplicate license, change of address or other clerical license modification. Visit the Wireless Telecommunications Bureau ULS page, http://www.fcc.gov/wtb/uls and click "Connecting to ULS" for information on accessing the ULS system. Accessing the ULS database requires a telephone modem. A toll-free number, 800-844-2784, connects users to the FCC's Wide Area Network.

Among other things, the ULS features a renewal reminder sent 90 days prior to a license's expiration date. The ULS also simplifies the process of submitting fees to the FCC. The FCC said it also anticipates that the ULS will be capable of accepting credit card payments on-line "in the near future."

For more information, visit the FCC's ULS page, http://www.fcc.gov/wtb/uls.

Source: The ARRL Letter
Vol. 18, No. 32
August 13, 1999

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id SAA14752
for <lyris.fccreg@tapr.org>; Fri, 20 Aug 1999 18:21:09 -0500 (CDT)
Mime-Version: 1.0
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-35301-1999.08.20-18.30.31--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Fri, 20 Aug 1999 16:10:17 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] ULS FOR HAMS ENDURES FIRST-WEEK JITTERS
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v0421010cb3e390ae493a@[204.118.182.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

ULS FOR HAMS ENDURES FIRST-WEEK JITTERS

The FCC's Universal Licensing System is up and running for the Amateur Service, although it didn't happen without a few wrinkles and some frustration on the part of hams trying to register or use the system. At one point on August 16--the first day the ULS was available to hams--no one could access the system, even for registration. But the downtime lasted less than an hour, according to an FCC spokesperson. "The system itself has been running smoothly," he said. The system also was down briefly on Wednesday and Thursday.

Some hams reported slow response times in accessing the ULS to register or search the existing database information. Others found themselves confounded by the new system.

ARRL New England Director Tom Frenaye, K1KI, used the ULS this week to renew his license. "It wasn't a pleasant experience," he remarked, citing the complexity of configuring the dial-up connection required. "It's nice to renew on-line, but I'm glad I won't have to do it for another ten years." A Midwest ham equipped with a cable modem at first had decided he'd rather file a paper application than to take a step backward in technology. But he managed the dial-up connection and gave the ULS a tentative thumbs up. "It's certainly a snap once you've done it once, but I'm afraid the dial-up aspect will scare off most folks," he said.

The FCC has disabled the former on-line vanity Form 610V and renewal Form 900 applications and redirected all amateur applicants to the ULS page.

Even though all amateurs already are in the FCC database as licensees, ULS registration is a must--before filing an application, renewing or modifying a license, or applying for a vanity call sign. Applications filed through a VEC automatically register the applicant in ULS, as do paper applications mailed to FCC that include the applicant's Social Security Number. Applications filed on-line by anyone not registered in the ULS will be dismissed. Registration requires first providing your Social Security Number or other Taxpayer Identification Number, then registering your call sign.

To register electronically, visit http://www.fcc.gov/wtb/uls/ and click on "TIN/Call Sign Registration." A paper Form 606 (TIN Registration Form) that can be mailed to the FCC is available at http://www.fcc.gov/formpage.html or from the FCC's Forms Distribution Center, 800-418-FORM (3676). Paper forms may be faxed (717-338-2693) or mailed to the FCC, 1270 Fairfield Rd, Gettysburg, PA 17325-7245.

While amateurs can use a Web network connection to register or to search the ULS for individual call signs or application status, applicants must use a toll-free telephone connection to the FCC's Wide Area Network in order to actually file an application on the new ULS Form 605. Complete connection instructions are on the FCC's ULS home page, http://www.fcc.gov/wtb/uls, under "Connecting to ULS." Connecting to the ULS requires Netscape 4.5 or higher.

The ULS phase-in has created a backlog of new amateur applications at Volunteer Examiner Coordinators. ARRL-VEC Manager Bart Jahnke, W9JJ, said that while the FCC has begun accepting some data from VECs, the quantity

allowed to be submitted has been very low--10-20 applications per VEC were accepted the first three days after ULS went into effect for hams. Not all VECs are set up to file under the new system yet. "To date, only Monday's data appears to have been successfully processed," Jahnke said at week's end. "The ARRL-VEC is ready to transmit nearly 70 test sessions containing more than 150 successful applications, once the FCC gives us the green light."

As a result, applicants for new amateur licenses will have to wait a few more days--perhaps several days--longer before their new call signs are issued by the FCC. In addition, no vanity call sign applications were processed during the ULS phase-in period last week. Once the ULS is working as planned, automated processing of electronically filed applications is supposed to occur nightly each business day, but there will be no weekend processing under the ULS.

The FCC said it expects to tackle the VEC application backlog very soon. It also said it hoped to have the ZIP file available daily for Web call sign servers and others to access.

At this time, the ULS is not accepting any club station applications. Trustees and custodians of club, military recreation, and RACES licenses should continue to use the old Form 610B to file applications for those stations and should not use their personal Social Security Number as the TIN for these licenses. Club station trustees and applicants should contact ULS Technical Support at 202-414-1250 to obtain an Assigned Taxpayer ID Number for each club license and provide it on the Form 610B.

The FCC says that anyone who fails to register in the ULS will be unable to receive services from the FCC. This means the FCC will not process future license grants, upgrades, modifications or renewals for any applicant not registered in the ULS. The FCC recommends that all amateurs register now, even if they have no immediate need to transact business with the FCC.

Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at 202-414-1250.

Source: The ARRL Letter
Vol. 18, No. 33
August 20, 1999

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MONTHLY ARCHIVE: fccreg.9909
MONTH: 1999-09
SOURCE: http://ftp.tapr.org/tapr_history/SIG_Archives/fccreg/fccreg.9909
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From bounce-fccreg-6756@lists.tapr.org Fri Sep 3 19:03:12 1999
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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id TAA27778
for <lyris.fccreg@tapr.org>; Fri, 3 Sep 1999 19:03:10 -0500 (CDT)
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Message-Id: <LYR6756-37938-1999.09.03-19.13.11--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Fri, 3 Sep 1999 17:02:36 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] Spread Spectrum R&O released WT 97-12
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
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X-Message-Id: <v04220503b3f6121346f8@[204.118.182.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

The FCC today released the long awaited Report & Order on
Amateur Radio Spread Spectrum. I have not seen the entire text as
yet, but I thought that I would post a message that outlined what I

do know about what the Commission did:

o The spreading code limitations have been removed.

o SS is NOT allowed in VHF spectrum.

o Automatic power control is mandatory.

o SS remains secondary to all other modes.

As soon as TAPR gets a chance look over the entire text of
the R&O, we will post a more detailed analysis of our position on
what the Commission has done.

Dewayne Hendricks WA8DZP
Chair
TAPR Regulatory Affairs Committee

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From bounce-fccreg-6756@lists.tapr.org Tue Sep 7 16:25:28 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id QAA18776
for <lyris.fccreg@tapr.org>; Tue, 7 Sep 1999 16:25:26 -0500 (CDT)
Mime-Version: 1.0
X-Sender: dewayne@mail.warpspeed.com
Message-Id: <LYR6756-38478-1999.09.07-16.35.05--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Tue, 7 Sep 1999 14:17:46 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] Amateur Radio Spread Spectrum R&O,WT 97-12 Released
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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X-Message-Id: <v04220511b3fb310dbafe@[192.168.1.125]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

The FCC has release the Spread Spectrum R&O,WT 97-12. It can
be found on the FCC website at:

<http://www.fcc.gov/Bureaus/Wireless/Orders/1999/fcc99234.wp >

or

<http://www.fcc.gov/Bureaus/Wireless/Orders/1999/fcc99234.txt >

-- Dewayne Hendricks WA8DZP
Chair
TAPR Regulatory Affairs Committee

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
by tapr.org (8.9.3/8.9.3/1.10) with SMTP id XAA00248
for <lyris.fccreg@tapr.org>; Tue, 7 Sep 1999 23:09:37 -0500 (CDT)
Message-ID: <LYR6756-38538-1999.09.07-23.19.43--lyris.fccreg#tapr.org@lists.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: "KC5GOI" <kc5goi@kc5goi.net>
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
References: <LYR692-38478-1999.09.07-16.35.05--KC5GOI#INFOSPEEDWAY.NET@lists.tapr.org>
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Date: Tue, 7 Sep 1999 23:07:31 -0500
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List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

Dewayne, I just read over the RM that you sent to the list. In paragraph 26
I read that that STA that you and reg obained has expired and that Mr Buaas
has had his STA terminated I want to make sure I interpret this correctly.

73, Guy Story
kc5goi@kc5goi.net
http://www.kc5goi.net
940.243.0754
----- Original Message -----
From: Dewayne Hendricks <dewayne@warpspeed.com>
To: TAPR FCC Regs Discussion List <fccreg@lists.tapr.org>
Sent: Tuesday, September 07, 1999 4:17 PM
Subject: [fccreg] Amateur Radio Spread Spectrum R&O,WT 97-12 Released

>
> The FCC has release the Spread Spectrum R&O,WT 97-12. It can
> be found on the FCC website at:
>
> <http://www.fcc.gov/Bureaus/Wireless/Orders/1999/fcc99234.wp >
>
> or
>
> <http://www.fcc.gov/Bureaus/Wireless/Orders/1999/fcc99234.txt >
>
> -- Dewayne Hendricks WA8DZP
> Chair
> TAPR Regulatory Affairs Committee
>
>
> ---
> You are currently subscribed to fccreg as: KC5GOI@INFOSPEEDWAY.NET
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by tapr.org (8.9.3/8.9.3/1.10) with SMTP id XAA00631
for <lyris.fccreg@tapr.org>; Tue, 7 Sep 1999 23:23:10 -0500 (CDT)
Mime-Version: 1.0
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Message-Id: <LYR6756-38541-1999.09.07-23.33.13--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Tue, 7 Sep 1999 21:20:42 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] Re: Amateur Radio Spread Spectrum R&O,WT 97-12 Released
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
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List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
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<LYR683-38538-1999.09.07-23.19.43--DEWAYNE#WARPSPEED.COM@lists.tapr.org>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

At 21:09 -0700 9/7/99, KC5GOI wrote:
>Dewayne, I just read over the RM that you sent to the list. In paragraph 26
>I read that that STA that you and reg obained has expired and that Mr Buaas

>has had his STA terminated I want to make sure I interpret this correctly.

That is correct.

-- Dewayne

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MONTHLY ARCHIVE: fccreg.9910
MONTH: 1999-10
SOURCE: http://ftp.tapr.org/tapr_history/SIG_Archives/fccreg/fccreg.9910
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From bounce-fccreg-6756@lists.tapr.org Fri Oct 29 16:24:30 1999
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by tapr.org (8.9.3/8.9.3/1.11) with SMTP id QAA05298
for <lyris.fccreg@tapr.org>; Fri, 29 Oct 1999 16:24:24 -0500 (CDT)
Mime-Version: 1.0
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Message-Id: <LYR6756-47252-1999.10.29-16.36.55--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Fri, 29 Oct 1999 14:22:32 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] AMSAT URGES FCC TO REJECT 2.4 GHz EXPERIMENTAL APPLICATION
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04220810b43fc07370a3@[204.118.182.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

AMSAT URGES FCC TO REJECT 2.4 GHz EXPERIMENTAL APPLICATION

AMSAT has urged the FCC to reject Los Angeles County, California's
application for an experimental license to develop a public safety video
system on the 2.4 GHz band. The LA County proposal, filed August 9, seeks
FCC approval to develop an experimental system using four 10-MHz channels to
transmit video images from helicopter-borne cameras to five remote receiving
sites with active tracking antennas.

The proposal targets the 2402-2448 MHz band. Amateurs have a primary
domestic allocation at 2402-2417 MHz.

In comments filed October 22 with the FCC's Office of Engineering Technology
AMSAT-NA President Keith Baker, KB1SF, said AMSAT views the experimental TV
operation "with the greatest concern."

"AMSAT believes that any such grant would violate the spirit of Commission's
own order granting amateurs primary status on much of the band in question,"
Baker said, "and could well disrupt amateur satellite and other amateur use
of the band as well as jeopardizing its use by other existing occupants."

Baker urged the FCC to deny the experimental license application because it
poses the potential for serious interference to current and future
satellites and could limit the use of the pending Phase 3D amateur
satellite. The Phase 3D satellite includes transmitters and receivers on 2.4
GHz. The satellite is expected to be launched sometime next year.

Baker also expressed concerns that a temporary experimental license could
become a permanent fixture. The ARRL expressed similar objections to the
proposal last month.

The decision to grant the proposed experimental license is up to the FCC
Office of Engineering and Technology's Experimental Licensing Division.

Source: The ARRL Letter
Vol. 18, No. 43
October 29, 1999

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for <lyris.fccreg@tapr.org>; Fri, 29 Oct 1999 16:24:25 -0500 (CDT)
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Message-Id: <LYR6756-47253-1999.10.29-16.36.58--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Fri, 29 Oct 1999 14:18:37 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC REVISES CONDUCTED EMISSION LIMITS
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v0422080eb43fbfa33fe2@[204.118.182.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC REVISES CONDUCTED EMISSION LIMITS

The FCC has gone along with recommendations from the ARRL and others to hold the line on conducted emissions below 30 MHz from unlicensed consumer electronic and industrial, scientific and medical devices operating under Parts 15 and 18 of the Commission's rules. The FCC has proposed new emission guidelines that are just slightly more stringent than the current FCC standards.

"We conclude that mandatory conducted emission limits continue to be necessary to control interference to communications services," the FCC said in a Notice of Proposed Rule Making in ET Docket 98-80, released October 18. The Commission announced plans to "harmonize" its conducted emission standards with international standards developed by the International Electrotechnical Commission, International Special Committee on Radio Interference--known as CISPR.

The CISPR emission limits for consumer equipment are "approximately 5 dB more stringent below 5 MHz and 1 dB more stringent above 5 MHz" than the existing standards, the FCC said. "We believe that these standards address some of the concerns expressed by ARRL" and others in response to last year's FCC Notice of Inquiry on the issue, the Commission commented.

The Commission said it was not persuaded by a National Association of Broadcasters' suggestion to impose much tighter standards--22 dB greater than present--to protect AM broadcasting.

Interfering devices include such common household appliances as computers, TV sets, and microwave ovens. Conducted emissions result from RF voltages imposed on the ac power line, which can, in turn, act as an antenna. In general, the FCC's current conducted emissions limit is 250 uV. Equipment manufacturers had argued to relax existing limits to keep down production costs, while the ARRL and others representing spectrum users had asserted that the existing limits were not tight enough. In response to the earlier NOI, the League had commented that the proliferation of Part 15 and 18 devices over the past decade had resulted in "a marked increase in RF noise from conducted emissions generally."

The FCC said it agrees that that standards on the amount of RF energy conducted onto the ac power lines "are required to control potential interference to users of the radio spectrum below 30 MHz." It also invited comments on expanding the frequency range of the conducted emission limits from the current 450 to 30 MHz to the 9 kHz to 30 MHz spelled out in the CISPR standards. The ARRL has proposed that the FCC allocate new LF amateur bands at 136 kHz and at 160 to 190 kHz.

Comments on the NPRM are due 75 days after its publication in The Federal Register, and reply comments are due 30 days later. A copy of the FCC's Notice of Proposed Rule Making in ET Docket 98-80 is available at <http://www.arrl.org/announce/regulatory/et98-80/nprm.html> .

Source: The ARRL Letter
Vol. 18, No. 43
October 29, 1999

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From bounce-fccreg-6756@lists.tapr.org Fri Oct 29 16:24:37 1999
Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
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for <lyris.fccreg@tapr.org>; Fri, 29 Oct 1999 16:24:35 -0500 (CDT)
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Date: Fri, 29 Oct 1999 14:20:30 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC ALLOCATES 75 MHz AT 5.9 GHz FOR ITS
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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Precedence: bulk

FCC ALLOCATES 75 MHz AT 5.9 GHz FOR ITS

As expected, the FCC has allocated 75 MHz of spectrum in the vicinity of 5.9 GHz for use by so-called "Intelligent Transportation System" services aimed at improving highway safety. The co-primary allocation for Dedicated Short Range Communications systems at 5.850 to 5.925 GHz includes the upper portion of a secondary Amateur Service allocation. Hams share 5.650 to 5.925 GHz with government radars and nongovernment fixed satellite service uplinks. The FCC already has allocated 5.725-5.825 GHz for U-NII devices to provide short-range, high-speed wireless digital communication under Part 15.

In releasing its Report and Order in ET Docket 98-95 October 22, the FCC said the 5.850-5.925 GHz band would be devoted to a variety of Part 90 DSRC uses such as traffic light control, traffic monitoring, travelers' alerts, automatic toll collection and traffic congestion detection. Other proposed uses of ITS would include electronic inspection of moving trucks and emergency vehicle traffic signal preemption. The Commission said that amateur organizations and licensees "raised the majority of DSRC spectrum sharing concerns" in their comments on last year's Notice of Proposed Rulemaking on the issue.

In its September 1998 comments, the ARRL said the FCC was proposing too much spectrum at 5.9 GHz for DSRC deployment. The League had asked that the FCC compensate the Amateur Service by elevating remaining Amateur and Amateur Satellite allocations at 5.650 to 5.725 and 5.825 to 5.850 GHz to nongovernment primary "to insure against future preemption by nongovernment services with higher allocation status." The FCC Report and Order did not specifically address the ARRL's request for elevation to primary status, however.

In the R&O, the FCC said it was "sympathetic" with the League's concerns that the ITS and U-NII allocations could impact amateur use in the band but said hams have 275 MHz in the band and most ham use is for point-to-point networks. Given amateur radio's inherent frequency agility, the FCC said it believes "spectrum sharing between the amateur service point-to-point links and DSRC operations is viable." DSRC operations in the 5.850-5.925 GHz band "are unlikely to receive significant interference from or cause interference to amateur operations," the FCC said.

The FCC encouraged ITS entities to "informally notify the ARRL or the local amateur service community" of their intended operation. The FCC has proposed a maximum of 30 W EIRP for DSRC systems, but the rules will require ITS licensees to use the minimal power necessary.

The FCC says it will defer consideration of licensing and services rules and spectrum channelization plans to a later proceeding.

Source: The ARRL Letter
Vol. 18, No. 43
October 29, 1999

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for <lyris.fccreg@tapr.org>; Fri, 29 Oct 1999 22:47:28 -0500 (CDT)
Message-ID: <LYR6756-47293-1999.10.29-23.00.04--lyris.fccreg#tapr.org@lists.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: "KC5GOI" <kc5goi@kc5goi.net>
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
References: <LYR692-47253-1999.10.29-16.36.58--KC5GOI#INFOSPEEDWAY.NET@lists.tapr.org>
Subject: [fccreg] Re: FCC REVISES CONDUCTED EMISSION LIMITS
Date: Fri, 29 Oct 1999 22:46:06 -0500
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Content-Transfer-Encoding: 7bit
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List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
X-Message-Id: <024b01bf2289$4c093900$1dd7a4d1@infospeedway.net>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

Dewayne, I dont know if the company I work for has an opinion or not yet. I
have been in the EMC world for almost four yrs and this is a good step to
reducing the compliance rules for EMC. I am waiting to see the comments
from the rest of the industry. There are 2 different view point, 1 that the
current rules need to be relaxed and 2 that the current rules need to be
tighter. In the grnad scheme of things CISPR is 3 dB from 0.450 to 5 MHz
tighter and 6 MHz tighter from 5 to 30 MHz. I would like the FCC to look at
the radiated emissions limits and adopt them as well. This would mean on
less report that I have to ask a po for. The lab we do business with, who
also laid me off back in March, charges 500 for a CISPR 22 Class A report.
They decided to split each different limit into a different report. The
radiated emissions limits for CISPR are also tighter but it should make it
easier to have radios in the same room as IT equipment.

73, Guy Story
kc5goi@kc5goi.net
http://www.kc5goi.net
940.243.0754
----- Original Message -----
From: Dewayne Hendricks <dewayne@warpspeed.com>
To: TAPR FCC Regs Discussion List <fccreg@lists.tapr.org>
Sent: Friday, October 29, 1999 4:18 PM
Subject: [fccreg] FCC REVISES CONDUCTED EMISSION LIMITS

> FCC REVISES CONDUCTED EMISSION LIMITS
>
> The FCC has gone along with recommendations from the ARRL and others to
hold
> the line on conducted emissions below 30 MHz from unlicensed consumer
> electronic and industrial, scientific and medical devices operating under
> Parts 15 and 18 of the Commission's rules. The FCC has proposed new
emission
> guidelines that are just slightly more stringent than the current FCC
> standards.
>
> "We conclude that mandatory conducted emission limits continue to be
> necessary to control interference to communications services," the FCC
said
> in a Notice of Proposed Rule Making in ET Docket 98-80, released October
18.
> The Commission announced plans to "harmonize" its conducted emission

> standards with international standards developed by the International
> Electrotechnical Commission, International Special Committee on Radio
> Interference--known as CISPR.
>
> The CISPR emission limits for consumer equipment are "approximately 5 dB
> more stringent below 5 MHz and 1 dB more stringent above 5 MHz" than the
> existing standards, the FCC said. "We believe that these standards address
> some of the concerns expressed by ARRL" and others in response to last
> year's FCC Notice of Inquiry on the issue, the Commission commented.
>
> The Commission said it was not persuaded by a National Association of
> Broadcasters' suggestion to impose much tighter standards--22 dB greater
> than present--to protect AM broadcasting.
>
> Interfering devices include such common household appliances as computers,
> TV sets, and microwave ovens. Conducted emissions result from RF voltages
> imposed on the ac power line, which can, in turn, act as an antenna. In
> general, the FCC's current conducted emissions limit is 250 uV. Equipment
> manufacturers had argued to relax existing limits to keep down production
> costs, while the ARRL and others representing spectrum users had asserted
> that the existing limits were not tight enough. In response to the earlier
> NOI, the League had commented that the proliferation of Part 15 and 18
> devices over the past decade had resulted in "a marked increase in RF
noise
> from conducted emissions generally."
>
> The FCC said it agrees that that standards on the amount of RF energy
> conducted onto the ac power lines "are required to control potential
> interference to users of the radio spectrum below 30 MHz." It also invited
> comments on expanding the frequency range of the conducted emission limits
> from the current 450 to 30 MHz to the 9 kHz to 30 MHz spelled out in the
> CISPR standards. The ARRL has proposed that the FCC allocate new LF
amateur
> bands at 136 kHz and at 160 to 190 kHz.
>
> Comments on the NPRM are due 75 days after its publication in The Federal
> Register, and reply comments are due 30 days later. A copy of the FCC's
> Notice of Proposed Rule Making in ET Docket 98-80 is available at
> <http://www.arrl.org/announce/regulatory/et98-80/nprm.html> .
>
> Source: The ARRL Letter
> Vol. 18, No. 43
> October 29, 1999
>
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MONTHLY ARCHIVE: fccreg.9911
MONTH: 1999-11
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From bounce-fccreg-6756@lists.tapr.org Wed Nov 3 10:40:15 1999
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by tapr.org (8.9.3/8.9.3/1.11) with SMTP id KAA25412
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Date: Wed, 3 Nov 1999 10:33:23 -0600
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: BillWA6ITF@aol.com (by way of Greg Jones)
Subject: [fccreg] FCC SHIFT ON HAM RADIO REPEATER COORDINATION
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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Precedence: bulk
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Hi All,

This is an FYI. This came my way yesterday. It appears to signify a rather intersting policy shift by the FCC regarding ham repeater coordination and negate much of what was accomplished at the FCC-ARRL-Coordinators meeting in St. Charles MO three years ago..

de
Bill P./ WA6ITF

Federal Communications Commission
Washington, D.C. 20554
October 20, 1999

In Reply
Refer To:

2000F/WTC

The Honorable David Dreier
U.S. House of Representatives
112 North Second Avenue
Covina, California 91723

Attn: Chris Freeland

Dear Congressman Dreier:

Thank you for your letters dated August 10, 1999, and September 1, 1999, on behalf of your constituents, Messrs. Dale Buxton and Larry Labb. These letters follow up my letter of June 29, 1999, to you. Messrs. Burton and Labb again reiterate their objection to certain decisions recently made by the Southern California Repeater and Remote Base Association (SCRRBA), an amateur
service frequency coordinator in southern California. In their August 6, 1999, letter to you Messrs. Burton and Labb, specifically object to the SCRRBA's technical standards for coordinating an amateur station operating as a repeater station, its decision to coordinate a station on a channel five kilohertz
away from another repeater station, and they object to other actions taken by the SCRRBA. In their August 31, 1999, letter to you Messrs. Burton and Labb include a series of detailed questions about repeater coordination in the amateur service, ask whether certain actions of the SCRRBA are permitted, and ask for confirmation of answers previously received to these questions. Your letter has been referred to this office because the Amateur Radio Service is administered by the Public Safety and Private Wireless Division of the FCC's Wireless Telecommunications Bureau.

By way of background, we note that the Commission's Rules and policies applicable to frequency coordination in the amateur service were established in a 1986 rulemaking proceeding. See Amendment of Part 97 of the Commission's Rules Concerning Frequency Coordination of Repeaters in the Amateur Radio Service, PR Docket No. 85-22, Report and Order (copy enclosed), summary at 51 Fed. Reg. 17324 (1986) and Memorandum Opinion and Order, 2 FCC Red 243 (1987). In this Report and Order, the Commission decided to continue relying on voluntary coordination of amateur service repeater stations because mandatory coordination of repeaters was too drastic a remedy without first determining whether the rules adopted in this Report and Order would address repeater-to-repeater interference. See Report and Order, 15. The Commission also stated that because amateur service frequency coordinators derive their authority from the voluntary participation of the entire amateur service community, their recognition must be derived from the same source. Thus, the Commission stated that it was essential that frequency coordinators respond to the broadest base of local amateurs and consider the concerns not only of repeater owners but also of those users of spectrum affected by repeater

operation. See Report and Order, 25. Accordingly, the Commission did not establish a mechanism to officially recognize local or regional coordinators. Id.

The Honorable David
Dreier 2.

The amateur service rules provide, therefore, that a local or regional frequency coordinator is responsible to amateur radio operators whose stations are eligible to be auxiliary or repeater stations. See 47 C.F.R. ß 97.3(a). These operators include all individuals who hold a Technician, Technician Plus, General, Advanced or Amateur Extra Class operator license. See 47 C.F.R. ß 97.205(a). This group of licensees is the "broadest base of local amateur operators" possible because it includes all licensees whose stations are eligible to be auxiliary or repeater stations. As stated in my letter dated
June 29, 1999, because frequency coordination in the amateur service is voluntary, in this context we do not regulate frequency coordinators or officially recognize any entity that chooses to serve as a frequency coordinator. See Report and Order, 24-25. For this same reason, there also is no specific Commission rule requiring the licensee or control operator of an amateur service repeater station to obtain the approval of a frequency coordinator before it may start transmitting messages. See Memorandum Opinion and Order, 2 FCC Red 244; 47 C.F.R. ß 97.205(a). Consequently, the frequency coordinator is responsible to the local or regional amateur service community rather than the FCC.

While the FCC does not regulate these coordinators, per se, because the needs of repeater users vary widely between communities, it recognizes the value of coordination. See 47 C.F.R. ß 97.205(c). An entity that considers the concerns only of repeater owners, however, would not be considering the concerns of other users of spectrum affected by repeater operation and, therefore, would appear at odds with the definition of a frequency coordinator in the amateur service. We envision that an entity not considering the concerns of other users of spectrum affected by repeater operation can be replaced by a broad base of local amateurs choosing another frequency coordination entity and recognizing that entitiy's decisions. In this regard, we note that Messrs. Burton and Labb state in their letter dated August 31, 1999, that they are forming a new coordinating entity in southern California, Southern California Frequency Management, which they also state will represent the entire
amateur service community. Changing coordinators is the mechanism that the Commission anticipated amateur radio operators in a local or regional area would use to replace a frequency coordinator that was not representative of all local amateur radio operators or otherwise meeting their needs. As stated
in my previous response, the function of an amateur service frequency coordinator is limited to recommending transmit/receive channels and associated operating and technical parameters for auxiliary and repeater stations in order to avoid or minimize potential interference. See 47 C.F.R. ß 97.3(a).

We also note that the FCC's longstanding policy of permitting amateur radio operators to collectively self-regulate coordinators of amateur service repeater stations has generally been a resounding success. We believe that this policy has allowed the local amateur radio community to determine for itself whether frequency coordination is needed on a particular amateur service band
and, if so, what function(s) the local amateur radio community is willing to allow the frequency coordinator to perform. In this regard, we note that recently the Commission received notification that some amateur service licensees have recognized a new coordination entity in both Indiana and the
New York City Tri-state area. These actions were taken without the involvement of the FCC and this approach keeps coordination at the local level, where people who more readily have knowledge of the facts can respond to the situations expeditiously and where the coordinator is directly answerable to
the local amateur community. As stated in my earlier letter, there are no Commission rules governing the selection of a coordinator or the procedures for coordination. Because the needs and conditions in the Amateur Radio Service

The Honorable David Dreier
3.

vary widely between locations, amateur radio operators have the
flexibility to make these decisions at the local and regional level.

While the Commission receives relatively few complaints about the
decisions of frequency coordinators in the amateur service, based on the
experience of Division staff, it receives more complaints about
coordination matters in Southern California than any other area of the
country. In part, this disparity appears to be due to the unique
geographical characteristics of the area, the large concentration of
population in a relatively small land area, and the fact that amateur
radio operators have chosen to place their repeater stations at very high
elevations thereby covering large land areas with a single station's
signal. The effect of these decisions has been to limit the number of
stations that may transmit on the available amateur service channels
without interfering with each other. These unique characteristics may
best be considered in coordination decisions made at the local level,
where the coordinator answers directly to the local amateur community.

With regard to Messrs. Burton and Labb's question concerning an e-mail
response from another Commission employee, I note that the Commission has
never selected or approved any entity as a local or regional amateur
service frequency coordinator, or reviewed the coordination decisions of
a particular amateur service frequency coordinator. In cases of
interference between two or more repeater stations, the frequency
coordinator the Commission recognizes is the entity recognized in a local
or regional area by amateur operators whose stations are eligible to be
auxiliary or repeater stations. In the few geographical areas where the
local or regional amateur service community has
decided that recognition of multiple frequency coordinators for one of
the amateur service frequency bands best meets its needs, we expect that
the coordinators will cooperate with each other so that station licensees
may make the most effective use of amateur service frequencies, as
required by the
amateur service rules. See 47 C.F.R. ß 97.101(b). In the event that the
transmissions of a repeater station cause handful interference, as
defined in Section 97.3(a) of the Commission's Rules, to another repeater
station, and both repeater stations have been coordinated, the two
station licensees are equally and fully responsible for resolving the
interference. See 47 C.F.R. ß 97 205(c). The fact that multiple
coordinators may be involved does not absolve the station licensees of
this responsibility.

I trust that this letter is responsive to your inquiry.

Sincerely,

D'wana R. Terry
Chief, Public Safety and Private Wireless
Division
Wireless Telecommunications Bureau

Enclosure

_____

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MONTHLY ARCHIVE: fccreg.0002
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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id JAA27785
for <lyris.fccreg@tapr.org>; Thu, 10 Feb 2000 09:21:42 -0600 (CST)
Mime-Version: 1.0
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Date: Thu, 10 Feb 2000 07:18:38 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] Amateur Radio Rule changes just appeared in the Federal Register
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
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X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v0422086eb4c8871cffbc@[204.179.137.97]>
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FEDERAL COMMUNICATIONS COMMISSION

47 CFR Part 97

[WT Docket No. 98-143, RM-9148, RM-9150, RM-9196; FCC 99-412]

Amateur Service Rules

AGENCY: Federal Communications Commission.

ACTION: Final rule.

SUMMARY: This document revises the Amateur Radio Service rules to
simplify the Amateur Radio Service operator license structure;
streamlines the

[[Page 6549]]

number of examination elements; and reduces the emphasis on telegraphy
that underlies the current license structure to the greatest extent
possible, consistent with the international radio regulations. This
action will allow current Amateur Radio Service licensees to contribute
more to the advancement of the radio art; reduce the administrative
costs that the Commission incurs in regulating this service and
streamline our licensing processes; eliminate unnecessary requirements
that may discourage or limit individuals from becoming trained
operators, technicians, and electronic experts; and promote efficient
use of spectrum allocated to the Amateur Radio Service.

DATES: Effective April 15, 2000.

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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id CAA18217
for <lyris.fccreg@tapr.org>; Sun, 13 Feb 2000 02:12:10 -0600 (CST)
Mime-Version: 1.0
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Message-Id: <LYR6756-65656-2000.02.12-14.43.38--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Sat, 12 Feb 2000 12:45:22 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] LEAGUE OPPOSES CLEARWIRE SPREAD SPECTRUM PETITION
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <v04220800b4cb767121b8@[208.46.199.2]>
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LEAGUE OPPOSES CLEARWIRE SPREAD SPECTRUM PETITION

The ARRL has asked the FCC to dismiss Clearwire Technologies' Petition for
Reconsideration on the revised spread spectrum rules issued last summer. The
FCC's August Report and Order relaxed rules governing the use of spread
spectrum techniques by hams and opened the door to the possibility of
international spread spectrum communication. Apparently fearing the
possibility of amateur interference with its Part 15 products, however,

Clearwire Technologies now wants the FCC to reconsider portions of its
Report and Order.

The League called the Clearwire petition "frivolous" and asked the FCC to
dismiss it and to affirm its Report and Order.

Clearwire is a Part 15 device manufacturer that provides high-speed wireless
Internet and network access devices operating at 2.4 GHz, where there's an
amateur allocation. It wants the FCC to require that amateur transmitters
capable of operating in excess of 1 W on bands in which its Part 15 devices
operate be FCC certificated prior to marketing. It also wants transmitters
in those bands to automatically transmit an ID and telephone number and the
spreading algorithms needed to detect and decode the data made available on
a public Web site.

In opposing Clearwire's petition, the ARRL pointed out that the company is a
latecomer to the proceeding that did not file comments or reply comments on
the ARRL's 1995 Petition for Rule Making nor on the FCC's 1997 Notice of
Proposed Rule Making that stemmed from the ARRL's petition. "Frankly,
Clearwire is stating its position in this proceeding more than a bit late,"
the League said.

The League says none of Clearwire's requests is reasonable and suggests the
company has no standing to propose "new, burdensome restrictions" on amateur
operation. The ARRL said the restrictions on Amateur SS operation that
Clearwire suggests are aimed at allowing Part 15 users "to monitor amateur
operation in bands allocated to the Amateur Service, and presumably to
object to any amateur SS operation" that might cause interference to its
devices. The League pointed out, however, that FCC rules do not afford Part
15 devices any protections from interference from licensed services, such as
Amateur Radio.

In its Report and Order last summer, the Commission dismissed assertions
from manufacturers of Part 15 devices that the proposed changes could "upset
the delicate balance" on bands where hams share spectrum with Part 15
users--especially in the 915 MHz and 2.4 GHz bands.

The FCC's Report and Order in WT Docket 97-12 adopted rules to allow Amateur
Radio stations to transmit additional spread spectrum emission types, among
other things. The new rules became effective last November 1.

A copy of the League's comments opposing the Clearwire petition for
reconsideration is available at
<http://www.arrl.org/announce/regulatory/wt97-12/arrl-cmt.html>. TAPR--Tucson
Amateur Packet Radio--this week also filed in opposition to the Clearwire
petition. A copy of its petition is available via the TAPR Web site at
<ftp://ftp.tapr.org/ss/991025_Clearwire_pet.pdf>

Source: The ARRL Letter
Vol. 19, No. 6
February 11, 2000

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Received: from lists.tapr.org (lists.tapr.org [204.17.217.24])
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Date: Thu, 24 Feb 2000 07:12:03 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] Clearwire Technologies withdraws its petition for reconsideration
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org

Precedence: bulk

On February 17, 2000, Clearwire Technologies, Inc. withdrew
the Petition for Reconsideration on WT 97-12, "Amendment of the
Amateur Service Rules to Provide for Greater Use of Spread Spectrum
Communications Technologies", which they filed on October 25, 1999.
Comments in opposition to their petition were filed by the ARRL, Guy
Story KC5GOI and TAPR.
TAPR would like to express its appreciation to both the
League and Guy for taking the time to file comments on this matter.
Copies of these filings will be posting in the Spread Spectrum
section of the TAPR website soon.

-- Dewayne Hendricks WA8DZP
Chairperson
TAPR Regulatory Affairs Committee

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for <lyris.fccreg@tapr.org>; Fri, 25 Feb 2000 19:54:47 -0600 (CST)
Mime-Version: 1.0
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Message-Id: <LYR6756-68048-2000.02.25-19.52.47--lyris.fccreg#tapr.org@lists.tapr.org>
Date: Fri, 25 Feb 2000 17:54:13 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] TECHNOLOGICAL ADVISORY COUNCIL TO HOLD FOURTH MEETING
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
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X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
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Precedence: bulk

<http://www.fcc.gov/Bureaus/Engineering_Technology/Public_Notices/2000/da000376.doc>
DA 00-376

Released: February 25, 2000

TECHNOLOGICAL ADVISORY COUNCIL TO HOLD FOURTH MEETING

The Technological Advisory Council ("Council"), will hold its fourth
meeting on Friday, March 24, at 10:00 a.m. at the Federal Communications
Commission, 445 12th St. S.W., Room TW-C305, Washington, D.C. 20554.
The Council was established by the Federal Communications Commission to
enable a wide array of distinguished technologists from industry,
academia, government, and the public to provide recommendations to the
FCC concerning technological developments in the communications
industry.

The subjects that will be considered include: (1) the current state of
the art for software defined radios, cognitive radios, and similar
devices; future developments for these technologies, and ways that the
availability of such technologies might affect the FCC's traditional
approaches to spectrum management in light of existing and future
electromagnetic noise levels; (2) current technological trends in
telecommunications services, including changes that might decrease,
rather than increase, the accessibility of telecommunications services
by persons with disabilities, and ways by which the FCC might best
communicate to designers of emerging telecommunications network
architectures, the requirements for accessibility; (3)
telecommunications common carrier network interconnection scenarios that
are likely to develop, including the technical aspects of cross network
(i.e., end-to-end) interconnection, quality of service, network
management, reliability, and operations issues, as well as the
deployment of new technologies such as dense wave division multiplexing
and high speed packet/cell switching; (4) additional issues that the

Council may choose to address in the future.

The Council may also consider such other issues as may come before the
Council at the meeting.
Members of the general public may attend the meeting. Admittance,
however, will be limited to the seating available. Brief oral comments
to the Council may be made with prior notice to, and approval by, the
Federal Communications Commission's Designated Federal Officer for the
Technological Advisory Council, David Farber (e-mail: DFARBER@FCC.GOV).

For further information, contact Kent Nilsson at 202-418-0845 or TTY
202-418-2989.

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MONTHLY ARCHIVE: fccreg.0003
MONTH: 2000-03
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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id PAA21019
for <lyris.fccreg@tapr.org>; Sun, 19 Mar 2000 15:59:03 -0600 (CST)
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Date: Sun, 19 Mar 2000 13:57:07 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC BEGINS INQUIRY REGARDING SOFTWARE DEFINED RADIO
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
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X-Message-Id: <p0431010fb4fafda87baf@[208.46.199.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FOR IMMEDIATE RELEASE:
News Media contact: David Fiske (202) 418-0513

March 17, 2000

FCC BEGINS INQUIRY REGARDING SOFTWARE DEFINED RADIO

The FCC today asked for public comment on a new generation of
radio equipment under development that can be quickly reprogrammed to
transmit and receive on any frequency within a wide range using
virtually any transmission format. This programming capability could
allow a single device to transmit in the various cellular, PCS and
other wireless services used in the United States and worldwide.

In a Notice of Inquiry approved today, the Commission stated
that introduction of this new technology, referred to as "software
defined radio" (SDR), has the potential to change the way users can
communicate across traditional services. These changes could promote
more efficient use of spectrum, expand access to broadband
communications for all persons and increase competition among
telecommunications service providers. The Commission sought comment
on how SDR could affect a number of Commission functions in the
future, including spectrum allocation, spectrum assignment and
equipment approval.

The Notice is designed to solicit information about the state
of SDR technology, interoperability issues, spectrum efficiency
issues, equipment authorization processes, and other issues to assist
the Commission in deciding whether to propose rule changes as a
result of the developing SDR technology.

In a software defined radio, functions that were formerly carried out solely in hardware, such as the generation of the transmitted signal and the tuning and detection of the received radio signal, are performed by software that controls high-speed signal processors. Because of the ability to be easily reprogrammed, a software defined radio could be programmed easily to operate over a broad range of frequencies, bandwidths and transmission standards.

The Commission asked for information on how SDR might improve "interoperability" among communications systems that currently operate in multiple frequency bands and use different standards. In particular, the Commission asked whether SDR could eventually improve the ability of public safety and emergency agencies to communicate across the multiple frequency bands they use today. The Commission also asked whether SDR would allow wireless operators to change to a more efficient transmission system without having to replace base station transmitters or receiving units in the field.

In the Notice, the Commission asked for comments about how SDR could result in improved spectrum efficiency and spectrum sharing. The Notice asked, for example, whether SDR would enable greater flexibility in access to open frequencies, and whether such equipment could be designed to include some "intelligence" that would let it monitor the spectrum to detect usage by other parties and then transmit on open frequencies. The Commission asked about the implications of SDR with regard to the current spectrum allocation model. Because SDRs would allow technical characteristics such as operating frequencies and output power to be controlled through software, the Commission asked for comments on the implications for equipment authorization and interference control. The Commission invited comment as to whether advance FCC approval should be required for the radio hardware, the software, or a combination of the two, and how SDR equipment should be tested for compliance with FCC requirements and standards. The Commission also asked whether an authentication system could be designed using special authentication codes in the software.

The Commission noted that although SDR technology was first demonstrated in a Department of Defense project in 1995, the Commission's Technological Advisory Council (TAC), established in 1998, has been reviewing SDR technology, and is studying ways that the availability of such devices might affect the Commission's traditional approaches to spectrum management, as well as ways the agency could facilitate experimentation and commercial deployment of such devices.

It noted that while the TAC is continuing this work, it is important, through this Notice of Inquiry, to obtain input on the subject from all interested parties to ensure that all viewpoints are represented.

Action by the Commission March 17, 2000, by Notice of Inquiry (FCC 00-103). Chairman Kennard, Commissioners Ness, Furchtgott-Roth, Powell and Tristani, with Chairman Kennard and Commissioner Ness each issuing a separate statement.

OET Docket No. 00-47
- FCC -

Office of Engineering & Technology Contacts: Julius Knapp (202) 418-2472;

Hugh Van Tuyl (202) 418-7506

March 17, 2000

STATEMENT OF FCC CHAIRMAN WILLIAM E. KENNARD
NOTICE OF INQUIRY ON SOFTWARE DEFINED RADIO

The tremendous success of wireless has come at a price. With all the new wireless products out there --the mobile phones, the devices for wireless Internet, palm pilots and two- way pagers --, we are running out of spectrum.

One way to head off a spectrum drought is to make sure that the spectrum that we have licensed is always in use. Ensuring that consumer demand is met requires that we push the envelope.

We can do this by creating fluid markets in spectrum so that spectrum users can instantly match short-term supply with short-term demand. We must craft rules that allow spectrum to flow as freely in the marketplace as any other commodity.

Last week the Commission took an important step in this direction by creating a new type of license in the 700 MHz band called the "guard band manager". Holders of these licenses will be able to subdivide their spectrum and make it available for others to use it as they see fit, so long as adjacent public safety users are protected.

I view this proceeding on Software Defined Radio as another critical step in the development of a more fluid spectrum market. Software defined radios are smart devices that can make good use of underused spectrum. They can operate as a cell phone one minute, a PCS phone the next, a taxi dispatch radio later on and a two-way pager after that. They can literally bridge the gaps created by differences in frequency and transmission standards. In this way, they can make all spectrum users - from average consumers to police, fire and EMS workers who need to talk to each other - - more productive and efficient.
- FCC -

March 17, 2000

Separate Statement of Commissioner Susan Ness

Re: Inquiry Regarding Software Defined Radios

I am bullish about the prospect of "software defined radio" (SDR), a new generation of technology that potentially will allow communications equipment to adapt to multiple standards and add service features without changes to the equipment's hardware. The Notice of Inquiry we release today is both a culmination of efforts and the beginning of a new initiative. While work still lies ahead, SDR holds the potential to enhance our participation in the global economy, to access new services, and to utilize the spectrum more efficiently.

The Notice is the outgrowth of efforts by the Department of Defense (DOD), members of the SDR Forum, and the FCC's Technical Advisory Council (TAC). DOD and members of the SDR Forum have pioneered the first generation of SDR, seeking to generate equipment that can be programmed to transmit and receive on any frequency within a wide range using a variety of transmission formats. The FCC has held several forums on new technologies and spectrum use, at which the potential benefits of SDR technology have been demonstrated. The TAC has reviewed SDR technology over the past year, studying the ways in which this technology may assist us in managing our precious resource - spectrum. This Notice is the result of such study. Hopefully, it will launch us in the direction of new products that better serve consumers; these products can be governed by streamlined rules that place the products in the marketplace more rapidly.

As a consumer, I am excited about SDR because it has the potential to add new meaning to the words "anywhere, anytime." As envisioned, SDR devices can be adapted to work anywhere on the planet through software changes or upgrades that can be installed or downloaded from remote locations. Such devices also could download new service applications as they are developed and made available.

As a spectrum manager, I am excited about SDR because it augments the tools we have to more efficiently manage spectrum. Today, we struggle to squeeze multiple services into spectrum, or to mandate specific standards to permit communications devices to work seamlessly. With SDR, the software could make such decisions, not the FCC. The availability of such software also might make it easier for different users to share crowded spectrum. Of course, protection of other spectrum licensees from interference resulting from SDR devices is paramount.

Given the promise of SDR, it is my hope that industry participants will help us address the complex issues raised in the Notice, so that we can move quickly to make any necessary changes in our rules. I am particularly interested in ways that we might revamp or streamline our equipment approval process to accommodate SDR. Any rules that

would enable new and innovative products to reach the marketplace
more quickly without compromising safety and interference protection
for existing services would most certainly serve the public interest.

- FCC -

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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id NAA26165
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To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC SDR NOI
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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X-Message-Id: <p04310106b4fd8049b21f@[208.46.199.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

The FCC Software-Defined Radio NOI has been released today.
A MS Word version can be found at:

<http://www.fcc.gov/Daily_Releases/Daily_Business/2000/db0321/fcc00103.doc>

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MONTH: 2000-05
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for <lyris.fccreg@tapr.org>; Thu, 11 May 2000 23:35:11 -0500 (CDT)
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Date: Thu, 11 May 2000 21:34:10 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] NEW PUBLIC SAFETY APPLICATIONS AND BROADBAND INTERNET ACCESS AMONG USES ENVISIONED BY FCC
CONSIDERATION OF ULTRA-WIDEBAND TECHNOLOGY
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FOR IMMEDIATE RELEASE: News Media Contact:
May 10, 2000 Rosemary Kimball at (202) 418-0511

NEW PUBLIC SAFETY APPLICATIONS AND BROADBAND INTERNET ACCESS AMONG
USES ENVISIONED BY FCC CONSIDERATION OF ULTRA-WIDEBAND TECHNOLOGY

Washington, DC -- Today, the Commission adopted a proposal to consider permitting the operation of ultra-wideband (UWB) technology on an unlicensed basis, which could have enormous benefits for public safety, consumers and businesses. UWB devices appear to be able to operate on spectrum already occupied by existing radio services without causing interference. It could permit scarce spectrum resources to be used more efficiently, a core responsibility of the Commission in its role as the nation's spectrum manager.

The Commission is seeking comments on its proposal, which would pave the way for a vast array of new products incorporating UWB technology. Recent advances in UWB technology have resulted in its potential use for a variety of applications such as radar imaging of objects buried under the ground or behind walls and short-range, high-speed data transmissions suitable for broadband access to the Internet. UWB communications devices can also be used by police, fire and rescue personnel to provide covert secure communications. Several parties also note that UWB devices can be used for a variety of communications applications involving the transmission of very high data rates over short distances without interference. Such devices can be used to distribute wirelessly services such as phone, cable and computer networking throughout a building or home.

In its consideration of proposals for the authorization of UWB technology, the Commission has committed to ensuring that safety services, such as the Global Positioning System (GPS), are protected against harmful interference. To ensure this protection, the Commission noted that further testing and analysis would be needed before UWB technology could be authorized to operate in the bands used for these services. The Commission stressed, in particular, the need for further testing and analysis in bands below 2 GHz. It said such testing is already being planned by a number of organizations, including the Department of Transportation and the National Telecommunications Information Administration. The Commission noted that it would provide ample opportunity to complete these tests and ensure that the analysis of the test results are submitted in the record for public comment before adopting any final rules. The Commission asked that all test results be submitted for the record by October 30, 2000.

Action by the Commission May 10, 2000, by Notice of Proposed Rulemaking (FCC 00-163). Chairman Kennard, Commissioners Ness, Furchtgott-Roth, Powell and Tristani.
-FCC

ET Docket 98-153
OET contact: John Reed at (202) 418-2455

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Date: Sun, 14 May 2000 06:46:23 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC DEBUTS ULS INTERNET FILING!
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC DEBUTS ULS INTERNET FILING!

Amateurs now can file Universal Licensing System applications via the Web! With little fanfare, the FCC opened ULS to Internet filers on April 29. It formally announced the system this week.

ULS users now can file applications and notifications via the Internet for all services previously only available by dial-up connection to the Commission's Wide Area Network. To access the new capability, visit the ULS home page http://www.fcc.gov/wtb/uls and click on "Online Filing." (Users may ignore the on-line survey.) Applicants must first be registered with ULS and use their ULS password to log onto the system.

The ULS--the FCC's interactive on-line licensing application, modification and renewal system for wireless telecommunications services--was deployed for the Amateur Service last August 16. ULS also lets users research the status of applications filed in ULS and licenses issued by the Wireless Telecommunications Bureau.

WTB Chief Thomas Sugrue said this week that many ULS users had requested the ability to access ULS through the Internet in order to utilize their high speed Internet connectivity. He also addressed concerns about the security of transactions handled via the Internet.

"We now have the technology in place that assures the integrity and security of data transmitted over the Internet along with high speed connectivity," he said. "This is another step forward in the expanding functionality of ULS."

The FCC has told the ARRL that making online payments--to file a vanity call sign application and pay on line, for example--requires that users be running the 128-bit encryption version of Netscape Communicator Ver 4.73 or later. The FCC says Netscape 4.7, 4.61 and 4.51 have been tested and are compatible with the ULS. While different browsers and platforms other than Windows-based systems may work for some ULS functions, the FCC currently supports only these recent versions of Netscape for online filing tasks. Netscape 4.6 and versions earlier than 4.51 are not compatible with ULS, however.

Filers should configure browsers to enable Java and Java Script and to accept all cookies. Users also will need to download and install Adobe Acrobat Reader 3.0 or later as a plug-in to their Web browser. Netscape and Acrobat are available free via the Internet.

ULS support for other browsers and platforms, such as the Mac, is in the works and should be available shortly. The FCC will continue to provide dial-up access to the ULS. Information on making a dial-up connection is available via the ULS home page by clicking on "Connecting to ULS."

Those experiencing problems logging onto the ULS should contact ULS Tech Support at 202-414-1250.--FCC

Source: The ARRL Letter
Vol. 19, No. 19
May 12, 2000

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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id HAA25047
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Date: Tue, 30 May 2000 05:47:05 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC Implements More SHVIA Requirements
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FCC Implements More SHVIA Requirements - - -

The Federal Communications Commission said it is
implementing three requirements mandated by the
Satellite Home Viewer Improvement Act of 1999 (SHVIA)
related to consumers' eligibility to receive distant
network signals via satellite.

The Commission announced the following requirements:

1. The launch of an inquiry to determine if the
signal standard used for eligibility status should be
modified. In its Notice of Inquiry, the FCC said it
is seeking information and comment on all technical
parameters that scientifically could be considered to
affect the quality of over-the-air reception of
television pictures. The FCC is also seeking comment
on an appropriate eligibility standard for distant
digital signals.

2. The improvement of the computer model used for
predicting signal intensity to determine eligibility for
receiving distant TV signals via satellite. The improved
model now includes signal propagation effects of terrain,
building structures and land cover variations. The improved
prediction technique will take into account vegetation
and other land cover by using the land use and land cover
(LULC) database provided by the United States Geological
Survey.

3. The designation of the American Radio Relay League
(ARRL) as the "independent and neutral entity" appointed
to designate who conducts eligibility tests at consumers'
homes when required. The FCC said it determined that the
ARRL is a particularly appropriate choice for this role
because it has no commercial connection with delivery of
television services, it has field offices across the U.S.,
and its members are actively engaged in activities related
to the measurement of radio field intensity.

Source: SkyREPORT.COM E-News for 05/30/00

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MONTH: 2000-06
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Date: Tue, 27 Jun 2000 18:33:59 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] The Role of Amateur Radio in the New Century
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Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

The Role of Amateur Radio in the New Century

Remarks by

Dale N. Hatfield (W0IFO)
Chief, Office on Engineering and Technology
Federal Communications Commission
at
AMRAD's 25th Anniversary Dinner
Falls Church, VA

June 17, 2000

<http://www.fcc.gov/Speeches/misc/dnh061700.html>

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Date: Sat, 9 Sep 2000 07:30:06 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] ARRL petition for 2400-2402 MHz elevated status
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
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List-Software: Lyris Server version 3.0
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X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
X-Message-Id: <p05001601b5dff99d9595@[208.46.199.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC assigns RM number to League petition: The FCC has assigned rulemaking
number RM-9949 to the ARRL's petition requesting that the Commission elevate
the domestic status of Amateur and Amateur-Satellite services from secondary
to primary in the band 2400 to 2402 MHz. The League filed a Petition for
Rule Making with the FCC on July 17. Amateurs already are primary at 2390 to
2400 and from 2402 to 2417 MHz. The ARRL says it's necessary to secure the
intervening spectrum slice "to provide some assurances of future occupancy
of the band segments for the next generation of amateur satellites,"
including Phase 3D. Comments supporting or opposing the petition are due by
the end of September. To file comments in this proceeding, visit the FCC's
Electronic Comment Filing System page, <http://www.fcc.gov/e-file/ecfs.html>.

Source: The ARRL Letter, Vol 19, No 34

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MONTHLY ARCHIVE: fccreg.0010
MONTH: 2000-10
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From bounce-fccreg-6756@lists.tapr.org Mon Oct 23 06:44:54 2000
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by tapr.org (8.9.3/8.9.3/1.13) with SMTP id GAA26838
for <lyris.fccreg@tapr.org>; Mon, 23 Oct 2000 06:44:54 -0500 (CDT)
Mime-Version: 1.0
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Date: Mon, 23 Oct 2000 04:43:34 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] SHARED AMATEUR ALLOCATIONS UNAFFECTED BY WHITE HOUSE ORDER
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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Precedence: bulk

SHARED AMATEUR ALLOCATIONS UNAFFECTED BY WHITE HOUSE ORDER

A White House announcement directing federal agencies to work with the FCC and the private sector to identify spectrum for next-generation wireless services will not likely have any impact on amateur allocations. The October 13 Executive Memorandum issued by President Bill Clinton follows the path agreed to during the World Radiocommunication Conference earlier this year to make frequencies available for so-called 3G (third-generation) or IMT (International Mobile Telecommunications)-2000 portable wireless devices.

The announcement sparked alarm among some members of the amateur community that a government-industry spectrum grab was under way. Some expressed fears that spectrum amateurs now share with the US Government, primarily the military, could be lost. Breathless media accounts referring to the White House announcement as "extraordinary" didn't help matters.

"It's nothing for amateurs to get excited about," ARRL Executive Vice President David Sumner, K1ZZ, said. Sumner points out that the memorandum merely implements previously announced plans to reallocate frequencies spelled out at WRC-2000.

As reported in August QST (see "World Radiocommunication Conference" starting on page 51), IMT-2000 proponents sought at least 160 MHz of spectrum for handset-to-satellite applications. Amateur Radio dodged a bullet at 2.3 to 2.4 GHz when delegates were able to find the needed spectrum elsewhere. The bands identified at WRC-2000 for IMT-2000 terrestrial use are 862-960 MHz in Region 1, 806-902 MHz and 928-960 MHz in Region 2, and 806-960 MHz in Region 3, in addition to 1710-1885 MHz and 2500-2690 MHz. Some mobile-satellite service bands also have been identified for the satellite component of IMT-2000.

According to ARRL Technical Relations Manager Paul Rinaldo, W4RI, not all of the frequency bands identified at WRC-2000 are destined for reallocation for 3G users in the US.

The President's order calls on the Secretary of Commerce to "work cooperatively with the FCC" to develop, by October 20, a plan to select third-generation wireless system spectrum. An interim report due by November 15, 2000, would spell out current spectrum uses and the potential for reallocation or sharing "of the bands identified at WRC-2000 that could be used for third generation wireless systems."

"Time is of the essence," Clinton said in a statement accompanying the memorandum. Spectrum reallocations plans are to be firmed up by next July, with auction licenses issued to competing applicants by the fall of 2002.

In an unrelated matter, the FCC transferred government spectrum at 3.6 GHz to nongovernment commercial use. The FCC allocated 3650 to 3700 MHz for fixed and mobile commercial wireless services.

Source: The ARRL Letter, Vol 19, No 40

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Date: Mon, 23 Oct 2000 04:43:41 -0700
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC COMMENDS BAND PLANS IN ENFORCEMENT LETTER
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0
List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
List-Owner: <mailto:owner-fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC COMMENDS BAND PLANS IN ENFORCEMENT LETTER

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth used
the occasion of an enforcement letter to commend the value of band plans.
"Although band plans are not mandatory, they exist to enhance the required
cooperation and sharing of frequencies in the Amateur Service,"
Hollingsworth said in an enforcement inquiry to a Connecticut ham.

The FCC wrote Advanced licensee Alan J. Koepke, K1JCL, on October 11, 2000,
citing complaints received by the Commission alleging that Koepke was
operating an uncoordinated AM-mode repeater on 144.65 MHz that was causing
interference to coordinated repeaters in Massachusetts and New York using
that frequency as an input.

"Evidence indicates that you have been coordinated, but not for that
frequency configuration," Hollingsworth wrote. The ARRL Repeater Directory
indicates that the Connecticut Spectrum Management Association coordinated
the K1JCL 2-meter machine for output on 145.25 MHz and a 600-kHz negative
offset input.

Hollingsworth says Koepke apparently has flipped the input and output
frequencies for which his 2-meter repeater was coordinated, contrary to the
prevailing band plan. In addition, Hollingsworth said, Koepke has been using
a non-standard spacing that may be contrary to its coordination. He has
asked Koepke to explain that and to answer other questions about the
repeater's coordination and operation.

"A repeater operating contrary to coordination is an uncoordinated
repeater," Hollingsworth told Koepke. Citing Section 97.205 of the rules,
Hollingsworth said that where there is interference between a coordinated
and an uncoordinated repeater, "the licensee of the uncoordinated repeater
has the responsibility to resolve the interference."

"Band plans minimize the necessity for Commission intervention in Amateur
operations and the use of Commission resources to resolve amateur
interference problems," Hollingsworth wrote in expressing the FCC's position
on band plans. "When such plans are not followed and harmful interference
results, we expect very substantial justification to be provided, and we
expect that justification to be consistent with Section 97.101."

Hollingsworth said he included the statement to reiterate where the FCC
stands on the question of band plans. "You can't possibly have a rule for
every circumstance," he said.

Last December the FCC dismissed an ARRL petition calling on the Commission
to equate observance of voluntary band plans with "good amateur practice."
The FCC said defining band plans as the ARRL had proposed "would have the
effect of transforming voluntary band plans into de facto required
mandates," something inconsistent with current FCC policy.

Source: The ARRL Letter, Vol 19, No 40

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MONTHLY ARCHIVE: fccreg.0011
MONTH: 2000-11
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Date: Fri, 10 Nov 2000 06:27:43 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] ARRL CONTINUES CAUTIONARY TONE IN UWB REPLY COMMENTS
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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ARRL CONTINUES CAUTIONARY TONE IN UWB REPLY COMMENTS

In reply comments in the FCC's ultra-wideband proceeding, the ARRL has reiterated its stance that the Commission should not act in the matter until more test data are in and analyzed. Initial test data in the proceeding were due October 30, but the ARRL is encouraging the FCC to consider additional testing.

Pointing out that the ITU and the ARRL have only just begun their own UWB studies, the ARRL characterized the rulemaking proceeding as "entirely premature."

The extensive record in the proceeding (Notice of Proposed Rule Making, ET Docket 98-153), the League noted, "still lacks conclusive test results from ongoing testing efforts from various sources." The ARRL joined the US Department of Defense in urging the FCC to await the outcome of tests looking at the interference potential of UWB devices to amateur receivers before deciding on UWB operational and technical requirements. The Defense Department, with which the Amateur Service shares some spectrum, also has urged the FCC to await ongoing analyses and measurements before it acts in the proceeding.

The League said the FCC should "afford a reasonable period for review of subsequently submitted test data" plus a further comment period to address it. And the ARRL warned the FCC about making assumptions concerning UWB's interference potential without first insisting on objective technical tests.

"ARRL is convinced that the studies conducted to date cannot accurately reflect the diversity of the Amateur Radio Service," the League said in its reply comments, "and it urges that no sweeping rules changes be made until all available studies and data are available and analyzed."

The League recently arranged with the University of Southern California's UWB lab to test the interference potential of UWB devices to "typical Amateur Radio station configurations." The ARRL has provided lab staff members with 1.2 GHz multimode receiving equipment for field testing, and results are expected by year's end. The League said it anticipates participating in additional tests.

The League also has urged "most strongly" that any UWB devices be required to operate above 2450 MHz "to avoid interference to sensitive receivers, especially those used for amateur satellite reception."

The FCC last May proposed amending its Part 15 rules to permit the operation of ultra-wideband devices on an unlicensed basis, saying the technology could have enormous benefits for public safety, consumers and businesses. In its initial comments filed in September, the ARRL advised the FCC to put its UWB proceeding on hold until more evidence is available on the technology's interference impact.

All of the ARRL's comments in the UWB proceeding are available at
http://www.arrl.org/announce/regulatory/et98-153/index.html

Source: The ARRL Letter, Vol 19, No 43

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To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC denies ARRL petition on antenna issues
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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MODIFICATION AND CLARIFICATION OF POLICIES AND PROCEDURES GOVERNING
SITING AND MAINTENANCE OF AMATEUR RADIO ANTENNAS AND SUPPORT
STRUCTURES, AND AMENDMENT OF SECTION 97.15 OF THE COMMISSION'S RULES
GOVERNING THE AMATEUR RADIO SERVICE. Denied the Petitions for
Reconsideration of the American Radio Relay League, and Barry and
Kathy Conrad-Gorodetzer seeking reconsideration of a Wireless
Telecommunications Bureau Order released November 19, 1999. (Dkt No.
RM-8763). Action by: Deputy Chief, Wireless Telecommunications
Bureau. Adopted: 11/13/2000 by ORDER. (DA No. 00-2468). WTB
DA-00-2468A1.pdf DA-00-2468A1.doc DA-00-2468A1.txt

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Date: Mon, 20 Nov 2000 08:20:53 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC ORDER DECLINES TO INCLUDE CC&RS IN PRB-1
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
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Precedence: bulk

FCC ORDER DECLINES TO INCLUDE CC&RS IN PRB-1

The FCC has denied an ARRL Petition for Reconsideration calling on the
Commission to declare that PRB-1 applies to amateurs living in areas
governed by CC&Rs or condominium regulations just as it does to hams
regulated solely by local zoning laws. The FCC Order also seeks to "amplify"
the definition of the oft-cited "reasonable accommodation" phrase in PRB-1
with respect to local land use and zoning.

The FCC Order said the League failed to demonstrate any "significant change
in the underlying rationale of the PRB-1 decision" that would necessitate
revisiting the issue.

"The Order provides some additional clarification on the extent of PRB-1 preemption, but it falls short of providing the relief that ARRL was seeking," said ARRL Executive Vice President David Sumner, K1ZZ. Because Deputy Wireless Telecommunications Bureau Chief Kathleen O'Brien Ham issued the November 13 Order under what's known as "delegated authority," the ARRL was mulling whether to submit an application for review by the full Commission.

Sumner said the ARRL believes the issue is "critically important." He said the League continues to gather additional information and to plan on how to present its arguments more persuasively before the FCC.

The FCC Order said that even if the Commission does have authority to address CC&Rs within the context of Amateur Radio facilities, "this alone does not necessarily warrant revisiting the exclusion of CC&Rs" from PRB-1. The ARRL has argued that the FCC has Congressional authority to prohibit restrictive covenants that could keep property owners and even renters from installing antennas to receive TV, satellite and similar signals. The same principle, the ARRL asserts, applies to Amateur Radio.

The FCC Order says, however, that ham antennas are not like over-the-air reception device antennas, "which are very limited in size in residential areas." Regardless of the extent of the FCC's discretion with respect to CC&Rs generally, "we are not persuaded by ARRL's arguments that it is appropriate at this time to consider exercising such discretion with respect to amateur station antenna preemption," the Order said.

In its initial denial a year ago, the FCC strongly encouraged associations of homeowners and private contracting parties to "follow the principle of reasonable accommodation" with respect to Amateur Radio.

The FCC Order also took the opportunity to clarify by example what PRB-1 means by "reasonable accommodation" in terms of amateur antennas. The Order says the FCC does not believe that zoning that provides for extreme or excessive prohibition of amateur communications "could be deemed to be a reasonable accommodation." As an example, the Order said, "we believe that a regulation that would restrict amateur communications using small dish antennas, antennas that do not present any safety or health hazard, or antennas that are similar to those normally permitted for viewing television" is not reasonable accommodation or minimum practicable regulation.

On the other hand, the Order said, communities wanting to "preserve residential areas as livable neighborhoods" would be free to adopt zoning that forbids antennas "commonly and universally associated with those that one finds in a factory area or an industrialized complex." The FCC conceded that while such rules could constrain amateur communications, "we do not view it as failing to provide reasonable accommodation to amateur communications."

The FCC Order also stuck to the earlier conclusion that the current standards for "reasonable accommodation and minimum practicable regulation" spelled out in PRB-1 "are sufficiently specific to cover any concerns related to unreasonable fees or onerous conditions."

The Order said the FCC continues to believe that it should "not specify precise height limitations below which a community may not regulate, given the varying circumstances that may occur."

The Order combined the FCC's response to the ARRL petition with its response to a similar filing from Barry N. Gorodetzer, N4IFE, and Kathy Conrad-Gorodetzer, KF4IDH, of Ft Lauderdale, Florida. The FCC Order is at http://www.arrl.org/announce/regulatory/rm8763.html.

Source: The ARRL Letter, Vol 19, No 44

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MONTHLY ARCHIVE: fccreg.0012
MONTH: 2000-12
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Date: Sat, 9 Dec 2000 14:28:18 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC SEEKS TO REQUIRE FCC REGISTRATION NUMBER
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X-Message-Id: <p05010422b6586256a8b3@[208.46.199.2]>
Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

FCC SEEKS TO REQUIRE FCC REGISTRATION NUMBER

The FCC has proposed requiring that everyone it does business with obtain
and use an FCC Registration Number--or FRN. Many amateurs registered with
the Universal Licensing System already have been assigned a 10-digit FRN by
the Commission Registration System--or CORES. The FCC has not made FRN use
mandatory, however. The FCC released a Notice of Proposed Rulemaking (MD
Docket 00-205) December 1.

The FCC says requiring individuals and entities to obtain an FRN will help
it to better track and manage the collection of fees. The FCC proposes
requiring that FRNs be provided with any filings that require payment of a
fee, such as the vanity fee for amateurs.

The FCC is proposing to reject filings requiring an FRN that do not include
the number. The Commission said its proposed rules "would make the use of
the FRN mandatory in certain circumstances so that anyone not yet assigned
an FRN or who has not yet obtained one must obtain one."

An individual does not have to hold an FCC license to obtain an FRN. The FCC
says the information collected by CORES includes the "entity name and type,"
Taxpayer Identification Number or TIN--typically a Social Security Number
for an individual, contact address and e-mail address. CORES information is
not made public.

Comments on the FCC rulemaking notice are due 30 days from the date of
publication in The Federal Register. Reply comments are due by 45 days from
the date of publication.

The FCC began implementing CORES earlier this year. CORES registration
eventually will replace Universal Licensing System, or ULS, registration.
The FRN will co-exist with the Licensee ID Number issued by the ULS, an FCC
spokesperson said this week.

More information on CORES is available on the FCC Web site,
http://www.fcc.gov (click on the CORES registration link).

Source: The ARRL Letter, Vol 19, No 47

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Date: Sat, 23 Dec 2000 01:03:20 -0800
To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] ARRL SEEKS FCC REVIEW, REVERSAL OF WIRELESS BUREAU PRB-1 DENIAL
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
List-Unsubscribe: <mailto:leave-fccreg-6756O@lists.tapr.org>
List-Software: Lyris Server version 3.0

List-Subscribe: <mailto:subscribe-fccreg@lists.tapr.org>
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X-List-Host: Tucson Amateur Packet Radio <http://www.tapr.org>
Reply-To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
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Sender: bounce-fccreg-6756@lists.tapr.org
Precedence: bulk

ARRL SEEKS FCC REVIEW, REVERSAL OF WIRELESS BUREAU PRB-1 DENIAL

The ARRL is asking the full FCC to review part of an FCC Order that declined to include CC&Rs--covenants, conditions and restrictions--under the limited federal preemption known as PRB-1. Imposed by private homeowners' associations or by developers, CC&Rs--also known as "restrictive covenants" or "deed restrictions"--often impede or prohibit the installation of outside antennas.

"ARRL's petition relative to the application of its PRB-1 policy to private land use regulations has not, to date, been afforded a thorough review or a fair analysis," the ARRL said in its Application for Review, filed December 15. The ARRL maintains that the FCC should have the same interest in the effective performance of an Amateur Radio station and in the promotion of amateur communications regardless of whether the licensee's property is privately or publicly regulated.

In November, FCC Wireless Telecommunications Bureau Deputy Chief Kathleen O'Brien Ham--acting under "delegated authority"--turned down an ARRL Petition for Reconsideration that--among other things--called on the FCC to declare that PRB-1 applies to amateurs governed by CC&Rs or condominium regulations just as it does to hams regulated solely by local zoning laws. The ARRL now wants the full Commission to review--and reverse--O'Brien Ham's decision.

The ARRL has argued that since PRB-1 was promulgated in 1985, the FCC has made it clear that it has Congressional authority to prohibit restrictive covenants that could keep property owners and even renters from installing antennas to receive TV, satellite and similar signals. The same principle applies to Amateur Radio, the ARRL asserted.

The FCC cannot use the private contractual nature of covenants "as a justification for the arbitrary and disparate treatment of radio amateurs similarly situated," the League said.

The ARRL made it clear, however, that it's not seeking any kind of preferential treatment from homeowners' associations, architectural committees or condominium boards. "It would be entirely consistent with PRB-1, for example, for a homeowners association to permit only a relatively small antenna in a planned community, such as a backyard, ground-mounted vertical antenna or one of the small Yagi configurations similar to an outdoor television antenna," the ARRL said.

The ARRL said that since the FCC already has jurisdiction to apply PRB-1 to all types of land-use regulation and has said it's willing to "encourage" private land-use authorities to apply PRB-1, "there is no legal or policy reason for continuing the distinction" between private and public land-use regulation with respect to amateur antennas. The ARRL asserts that Amateur Radio operators should be able to negotiate "reasonable accommodation" provisions with local homeowner's associations just as they now may do with governmental land-use regulators.

Many amateurs now say it's impossible to find desirable housing that comes without CC&Rs. The League's Regulatory Information Branch reports that the topic of restrictive covenants and antennas is one of the most frequently raised by members contacting the ARRL for information.

A copy of the ARRL's Application for Review is available on ARRLWeb at <http://www.arrl.org/announce/regulatory/prb-1/prb1afr.html>

Source: The ARRL Letter, Vol 19, No 49

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From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] LEAGUE SEEKS GREATER FLEXIBILITY AT 219-220 MHz
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LEAGUE SEEKS GREATER FLEXIBILITY AT 219-220 MHz

The ARRL is urging the FCC to retain the 219-220 MHz shared Amateur Radio
allocation and says it wants the Commission to make it a bit easier for hams
to use the segment. In comments filed February 6 in an FCC rulemaking
proceeding, the ARRL said it believes the 219-220 MHz band "must be
maintained and enhanced."

The League commented in PR Docket 92-257, released last November. The Third
Further Notice in that proceeding proposed to designate licensing regions
for the Automated Maritime Telecommunications System (AMTS) facilities at
216-220 MHz and to authorize a single licensee for each unassigned AMTS
frequency block on a geographic basis. The current AMTS system uses a
site-based licensing structure.

Current rules require that amateurs planning to operate within 80 km (50
miles) of an AMTS facility get written permission from the AMTS licensee,
but getting that consent has been difficult to impossible for hams in
coastal areas. "The Commission's intended flexibility in amateur station
operation at 219-220 MHz has not, in general, been realized," the League
commented.

The ARRL suggested letting amateurs seeking to use 219-220 MHz submit
computer-generated field strength contours that demonstrate a lack of
interference potential at the relevant AMTS boundaries in lieu of having to
get written permission.

"It is ARRL's intention that the Amateur Service be provided a practical
opportunity to make substantial, flexible use on a secondary basis of the
219-220 MHz allocation, taking into account expanded development of AMTS
stations," the League said. The FCC should "provide some flexibility in the
engineering of amateur systems in that band, to the extent consistent with
avoidance of interference to AMTS stations."

The 219-220 MHz amateur segment was created in 1995 as a result of an ARRL
petition for rulemaking. The FCC has designated the band on a secondary
basis for amateur fixed point-to-point digital message forwarding systems.

While the ARRL said it's unaware of any amateur interference to AMTS
stations, attempts by hams to use the band to construct digital backbone
systems "have been largely thwarted to date" because on the inability to get
consent from AMTS licensees within 50 miles of the proposed operation, as
rules now require.

A copy of the ARRL's comments is available at
www.arrl.org/announce/regulatory/pr92-257/.

Source: The ARRL Letter, Vol 20, No 9

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FCC DENIES LA COUNTY 2.4-GHZ APPLICATION

Following objections from the ARRL, AMSAT and others, the FCC has turned
down an application from Los Angeles County, California, for an experimental
license permitting airborne microwave TV downlinks (TVDL) in the 2402-2448
MHz range. The FCC also canceled an experimental license grant to the City
of Los Angeles to operate a TV downlink system in same band. Amateurs have a
primary domestic allocation at 2402-2417 MHz and a secondary allocation in
the rest of the affected band.

"Experimental licenses are not substitutes for regular radiocommunication
service licenses," said Charles Iseman, deputy chief of the Electromagnetic
Compatibility Division in the FCC's Office of Engineering and Technology.
OET issues all experimental licenses.

The ARRL, AMSAT and the Amateur Television Network as well as ARRL members
Art McBride, KC6UQH, and Thomas O'Hara, W6ORG, filed informal objections to
the County's application. The League, AMSAT and ATN also had objected to the
City's experimental grant. The FCC gave the City until December 1 to
terminate its operation and reserved the right to accelerate the
cancellation date if harmful interference occurs.

The LA County proposal, filed in August 1999, sought FCC authorization to
develop a TVDL system on four 2.4 GHz channels for use aboard sheriff's and
fire department airborne units. The FCC granted the City's WB2XEN
experimental license based on a similar submittal. The FCC said other public
safety agencies in Southern California, including Long Beach, Glendale and
Burbank, plan to deploy similar airborne units.

In protesting the County's plan, the ARRL called the application a "foot in
the door" toward gaining a permanent berth in the 2.4-GHz band. The County
and the City already are authorized to operate TVDL systems under Part 90
rules in the 2.450-2.483.5-GHz band, but both told the FCC that they had
experienced coordination and interference problems and sought the
experimental TVDL authorization as a result.

In light of the denial and the cancellation, the FCC did not address
potential interference issues raised by the objectors. Copies of Iseman's
letters are available on the ARRL Web site,

<http://www.arrl.org/news/stories/2001/03/15/2/fccletters.pdf>

Source: The ARRL Letter, Vol 20, No 11

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To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] FCC TURNS AWAY RESTRUCTURING PETITIONS FOR RECONSIDERATION
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
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FCC TURNS AWAY RESTRUCTURING PETITIONS FOR RECONSIDERATION

The FCC has declined to make any significant changes to the way it implemented Amateur Radio "restructuring" last April. The Commission has turned down several requests for changes in the Amateur Service rules contained in five petitions for partial reconsideration of its Report and Order WT Docket 98-143, released December 30, 1999. The ARRL was among the petitioners.

In a Memorandum Opinion and Order released April 6, the FCC by and large denied all petitions for changes to its restructuring Order--although it did claim to grant one ARRL request--and it made some minor housekeeping changes to the amateur rules.

Among the issues was a request from the ARRL and other petitioners that the FCC continue to maintain records that indicate whether a Technician licensee has Morse code element credit. The FCC noted that its current Universal Licensing System software was modified to display a "P" (for Plus) in the field that indicates former license class when a Technician Plus class license is renewed. "This capability results in the amateur service database being able to provide a de facto Technician Plus licensee database," the FCC asserted in its MO&O. The FCC did not address how its database will distinguish current Technician licensees who subsequently earn Morse code (Element 1) credit. Those licensees have only a Certificate of Completion of Examination (CSCE), which will never be reflected in the database, even upon license renewal.

The FCC also decided to not extend Element 1 credit to all past licensees who had ever earned it--something else the ARRL had asked for. Under current rules, the holder of an expired Novice or a pre-February 14, 1991, Technician license can get Element 1 credit. The FCC said that "most examinees" who ever held a General, Advanced or Amateur Extra ticket also once held a Novice or a pre-February 14, 1991, Technician ticket that grants Element 1 credit.

Left out in the cold by the FCC's decision is anyone who went directly to Conditional or General class without ever holding a Novice ticket. The FCC also declined to extend permanent credit to Element 1 CSCEs held by Technicians to obtain HF privileges. These CSCEs are good for 365 days for upgrading purposes but confer only additional operating privileges for Technicians beyond that time.

The FCC refused to reinstate the 20 WPM Morse code exam for Extra. The FCC said that since restructuring went into effect nearly a year ago, "there does not appear to be any decline in the proper operation of amateur stations." The FCC also declined to ban the practice of allowing applicants to retake a failed examination element at a single test session simply by paying a second fee to the VE team. And the Commission did not go along with requests to set the total number of questions at 50 for the Technician and General class test and at 100 for the Amateur Extra test.

The FCC also declined to make any changes--at least for now--in the arrangement of mode-related Amateur Radio subbands, as some petitioners had requested. The FCC said it believed it should let the amateur community "reach a consensus regarding a comprehensive restructuring of operating privileges for all licensees" before making any changes.

Also denied were requests to: institute a new entry-level Communicator license class in the Amateur Service; elevate former "Class A" operators

licensed prior to 1951 to Amateur Extra, instead of leaving them at Advanced class; give Element 4 exam credit to examinees who'd held a Conditional, General or Advanced ticket before November 22, 1968--when "incentive licensing" became effective.

The FCC MO&O is available at:

<http://www.arrl.org/announce/regulatory/wt98-143-recon.pdf>

Source: The ARRL Letter, Vol 20, No 14

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To: "TAPR FCC Regs Discussion List" <fccreg@lists.tapr.org>
From: Dewayne Hendricks <dewayne@warpspeed.com>
Subject: [fccreg] ARRL AGAIN PETITIONS FCC FOR PRIMARY ALLOCATION AT 2300-2305 MHz
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Precedence: bulk

ARRL AGAIN PETITIONS FCC FOR PRIMARY ALLOCATION AT 2300-2305 MHz

The ARRL has again asked the FCC to create a primary domestic Amateur Radio allocation at 2300-2305 MHz. Amateurs now are secondary there. The ARRL first asked the FCC in 1996 to upgrade the allocation there to primary, but the Commission never acted on the request.

"The segment 2300-2305 MHz is of extreme importance to the Amateur Service, especially for weak-signal communications and propagation research, including beacon operation, due to the low noise levels in that band," the ARRL said. The renewed petition was prompted by increasing demands on that portion of the spectrum due to development of new telecommunications technologies.

The Amateur Service has primary allocations in this part of the spectrum at 2390-2400 MHz and 2402-2417 MHz. The ARRL last year sought to have the segment 2400-2402 MHz elevated from secondary to primary, but the FCC has not acted on the request to date. The AO-40 satellite has been successfully using that band for downlink telemetry and transponder operation.

In light of the FCC's stated policy to protect incumbent amateur operation at 2300-2305 MHz, upgrading the amateur allocation there "would constitute the highest and best use of the band at present," the ARRL asserted in its latest filing. "It would also be consistent with the protection requirements for government and NASA operations immediately below 2300 MHz and the [M]WCS operation above 2305 MHz." Amateur Radio weak-signal work is centered near 2304 MHz.

The ARRL also requested the FCC not to introduce any other users to the band. The FCC has not yet put the ARRL's petition on public notice.

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FOR IMMEDIATE RELEASE: NEWS MEDIA CONTACTS:
May 10, 2001 Maureen
Peratino at 202-418-0506

COMMISSION PROPOSES AMENDMENTS TO PART 15 OF RULES TO
FACILITATE DEPLOYMENT OF NEW HIGH SPEED WIRELESS DEVICES

Washington, DC - The FCC today proposed to revise its rules for spread spectrum systems to reduce the amount of spectrum that must be used for frequency hopping spread spectrum systems operating in the 2.4 GHz band (2400-2483.5 MHz), and to eliminate the processing gain requirement for direct sequence spread spectrum systems. It also proposed to allow new digital transmission technologies to operate pursuant to the same rules as spread spectrum systems. These actions will facilitate the continued development and deployment of new wireless devices for businesses and consumers.

Two types of spread spectrum are permitted to operate on a non-licensed basis under Part 15 of the rules. Frequency hopping spread spectrum systems spread their energy by changing, or "hopping," the center frequency of the modulated signal. In direct sequence spread spectrum systems, the information data stream is combined with a high speed digital spreading code to produce a signal with a relatively wide bandwidth. In both cases, the spreading reduces the power density of the signal at any frequency over the transmitted bandwidth, thereby reducing the probability of causing interference to other signals occupying the band.

New digital technologies have been developed that have spectrum characteristics similar to spread spectrum systems, but cannot be authorized under the current rules because the rules limit operation only to spread spectrum systems. The Commission proposed to remove this restriction. This proposal would provide the flexibility and certainty needed to promote the introduction of new, non-interfering products, without the need for frequent rules changes to address each specific new technology that may be developed.

In conjunction with the above proposal, the Commission also granted a blanket interim waiver to allow new digital technologies that meet the existing rules for direct sequence spread spectrum systems to obtain FCC equipment certification prior to the adoption of final rules in this proceeding, with a maximum peak power limit of 100 mW.

At the same time, it affirmed a staff decision denying the application for equipment certification for a Wideband Orthogonal Frequency Division Multiplexing system filed by Wi-LAN, Inc., but directed the staff to consider the application pursuant to the provisions of the interim waiver.

Action by the Commission May 10, 2001, by Further Notice of Proposed Rule Making and Order (FCC 01-158). Chairman Powell, Commissioners Ness, Furchtgott- Roth and Tristani.

Office of Engineering and Technology contact: Neal McNeil at (202) 418-2408.

ET Docket 99-231

- FCC -

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From: lisa_seemeonline33@msn.com

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COME SEE YOUNG TEEN SLUTS GET HARDCORE AND NASTY
http://65.119.83.82/freejoins/lnt1.html

HERE ARE YOUR FAVORITE CELEBS GETTING BENT OVER AND SLAMMED
http://65.119.83.82/freejoins/celeb1.html

HOT ATHLETIC BABES SPORT FxxxxxG!!!!!!!!!!!!!!!
http://65.119.83.82/freejoins/hcs1.html

Cum see these WOMEN PLAY at the ZOO
http://65.119.83.82/freejoins/lz1.html

ABSOLUTELY NO MONEY AT ALL

This site contains things Mormens and Bible thumpers dont want to see. If you are not old enough and you mommy and daddy are not around close this immediately so you dont get spanked!!!!!!

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